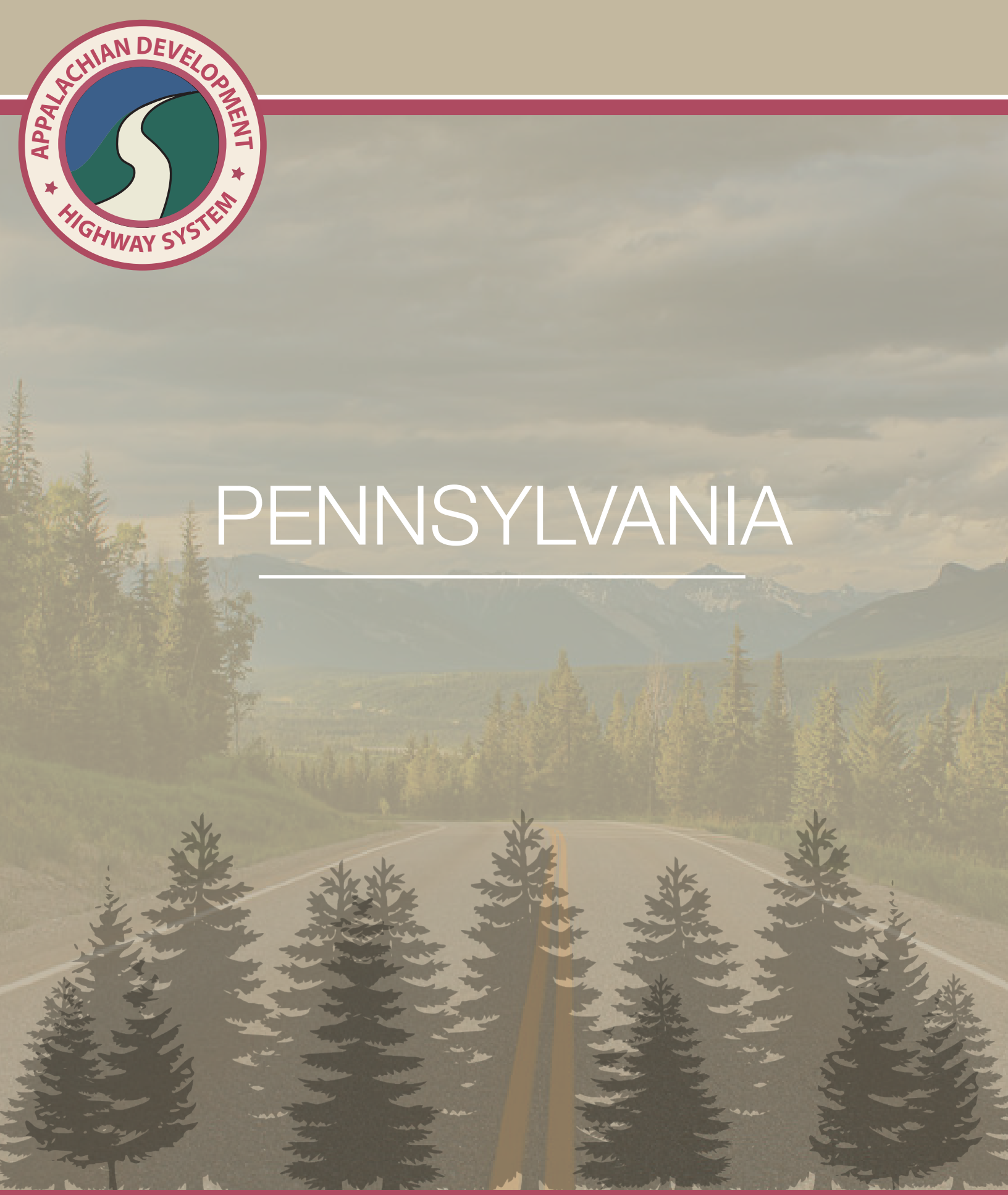


PENNSYLVANIA

2007 ESTIMATE
OF THE COST TO COMPLETE
THE APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM
IN THE COMMONWEALTH OF PENNSYLVANIA

May 2007
(Data as of September 30, 2006)

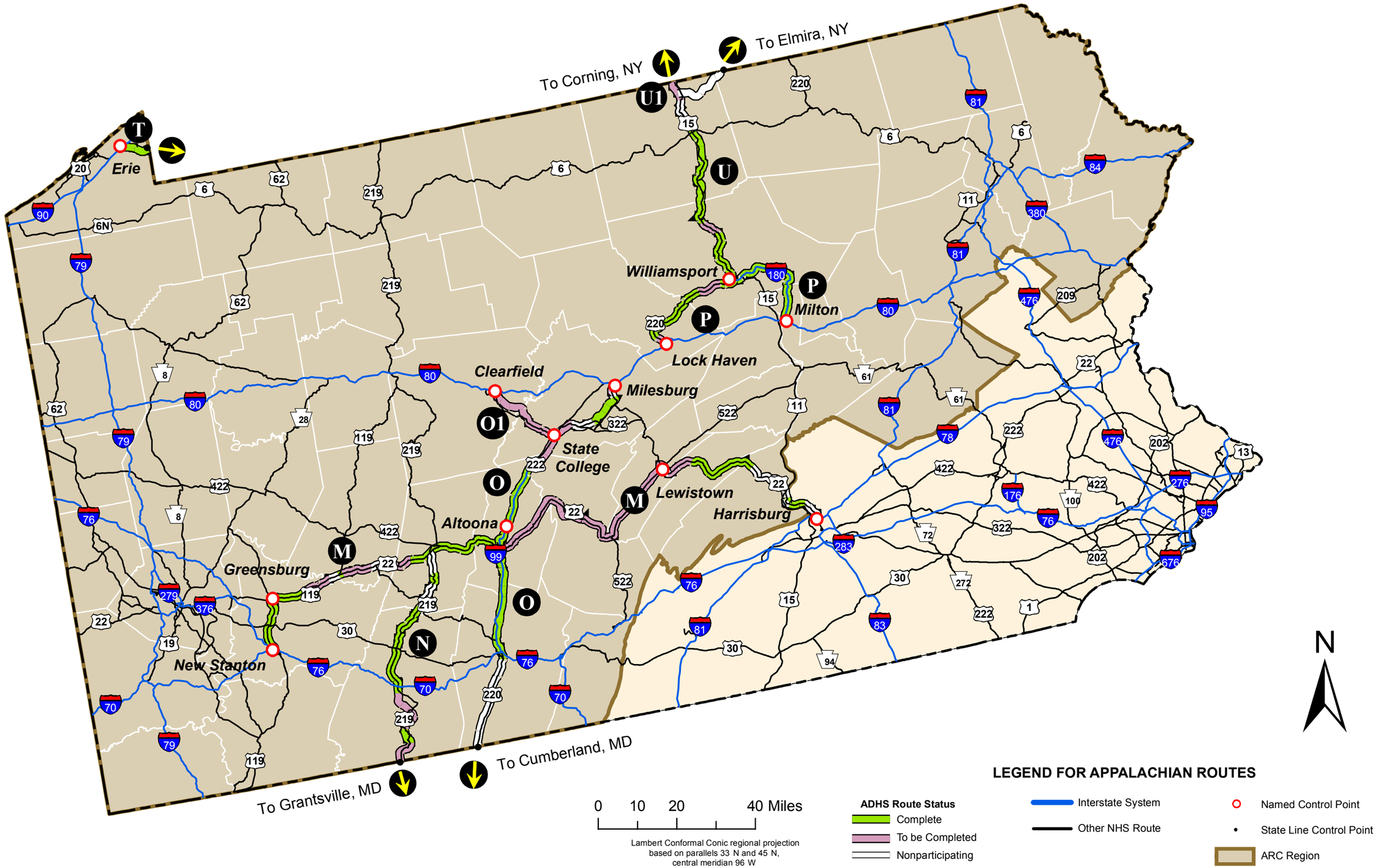
Prepared by the Pennsylvania Department of Transportation

In Cooperation with the

U.S. Department of Transportation
Federal Highway Administration
Appalachian Regional Commission
and the
Nick J. Rahall, II Appalachian Transportation Institute

PENNSYLVANIA PORTION OF APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

Commonwealth of Pennsylvania



This 2007 Estimate of the Cost of Completing the Appalachian Development Highway System in the Commonwealth of Pennsylvania as of September 30, 2006 was prepared in accordance with the 2007 ADHS Cost Estimate Guidelines and Software Instruction Manual by the Pennsylvania Department of Transportation in cooperation with the Federal Highway Administration and the Appalachian Regional Commission.

It is the Commonwealth's full intention to construct all of the Appalachian Development Highway System corridors herein and to the standards indicated in this Estimate.

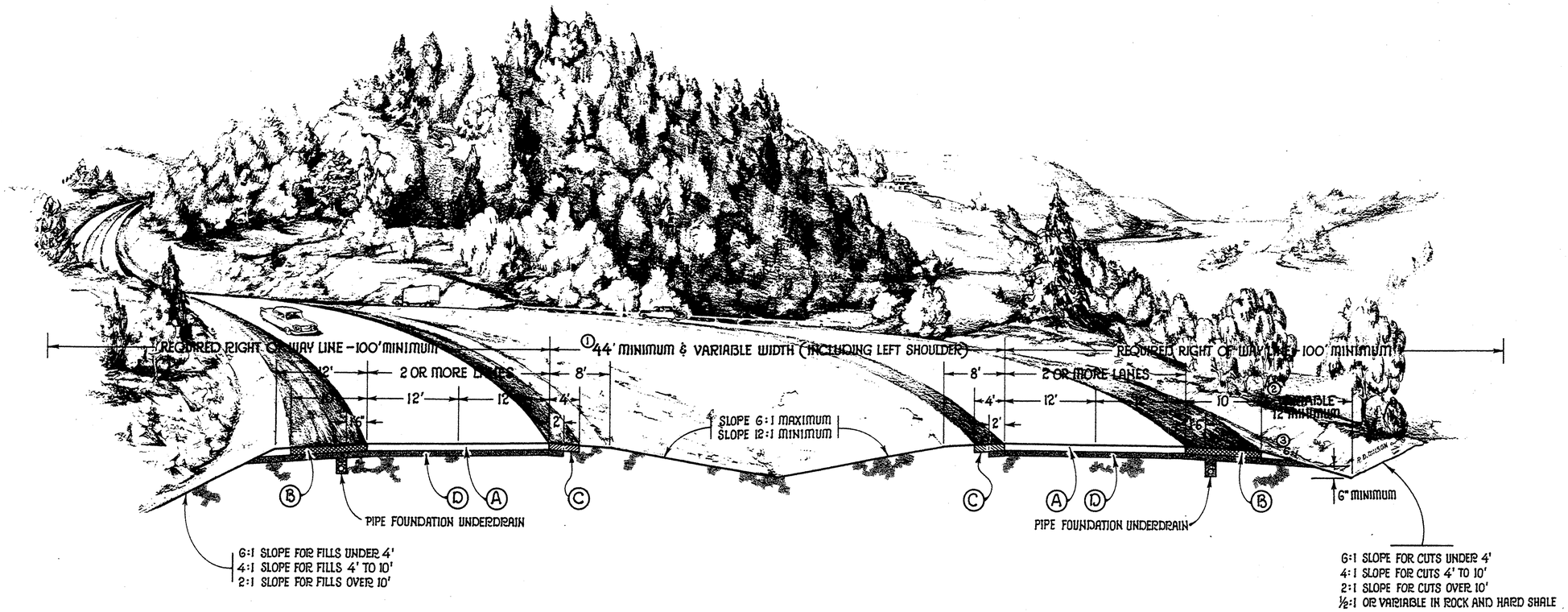
Richard H. Hogg, P.E.
Deputy Secretary for Highway Administration
Pennsylvania Department of Transportation

James A. Cheatham, P.E.
Division Administrator
Federal Highway Administration

TABLE A
Appalachian Corridor Segment Descriptions

State/Commonwealth of Pennsylvania

Corridor Letter	Principal Existing Route Numbers	Segment Descriptions	Eligible (miles)	Ineligible (miles)
U	U.S. 15	From the interchange with Corridor "P" in Williamsport along U.S. Route 15 north to the interchange at Tioga Junction	51.0	7.9
U	PA 328	From the interchange at Tioga Junction along PA Route 328 northeast to the Pennsylvania-New York State Line, 8 miles southwest of Elmira, NY	0	13.4
M	PA 66	From the New Stanton Interchange of the Pennsylvania Turnpike north to the Intersection with U.S. 22, North of Greensburg	13.2	0.4
M	U.S. 22	From the Intersection of PA 66 north of Greensburg to the Interchange with Interstate Route 81 at Harrisburg	157.0	29.5
N	U.S. 219	From the Maryland-Pennsylvania State line south of Sumerset to the Interchange with Corridor "M" U.S. Route 22 north of Johnstown	51.9	13.7
O	U.S. 220	From the Maryland-Pennsylvania State line north of Cumberland, MD to the Pennsylvania Turnpike north of Bedford	3.1	23.7
O	I-99	From the intersection with the Pennsylvania Turnpike north of Bedford to the interchange with PA Route 350 at the Village of Bald Eagle	51.0	0.0
O	U.S. 220	From the interchange with PA Route 350 at the Village of Bald Eagle to the interchange with interstate Route 80 east of Milesburg	29.3	9.3
O1	U.S. 322	From the intersection with U.S. Route 220 at Port Matilda (Corridor "O") to the new interchange with Interstate Route 80, north of Bigler	26.7	0.0
P	U.S. 220	From the interchange with Interstate Route 80 south of Lock Haven to the interchange with Corridor "U" at Williamsport	30.9	0
P	I-180	From the interchange with Corridor "U" at Williamsport to the interchange with Interstate Route 80, north of Milton	28.6	0.5
T	PA 17	From the Interchange with I-90, 3.5 miles east of Harborcreek to the Pennsylvania-New York State Line, 0.5 miles north of PA Route 430	6.8	0.0
U1	US 15	From the interchange with PA 328 to New York State Line	3.6	0
		Total	453.1	98.4

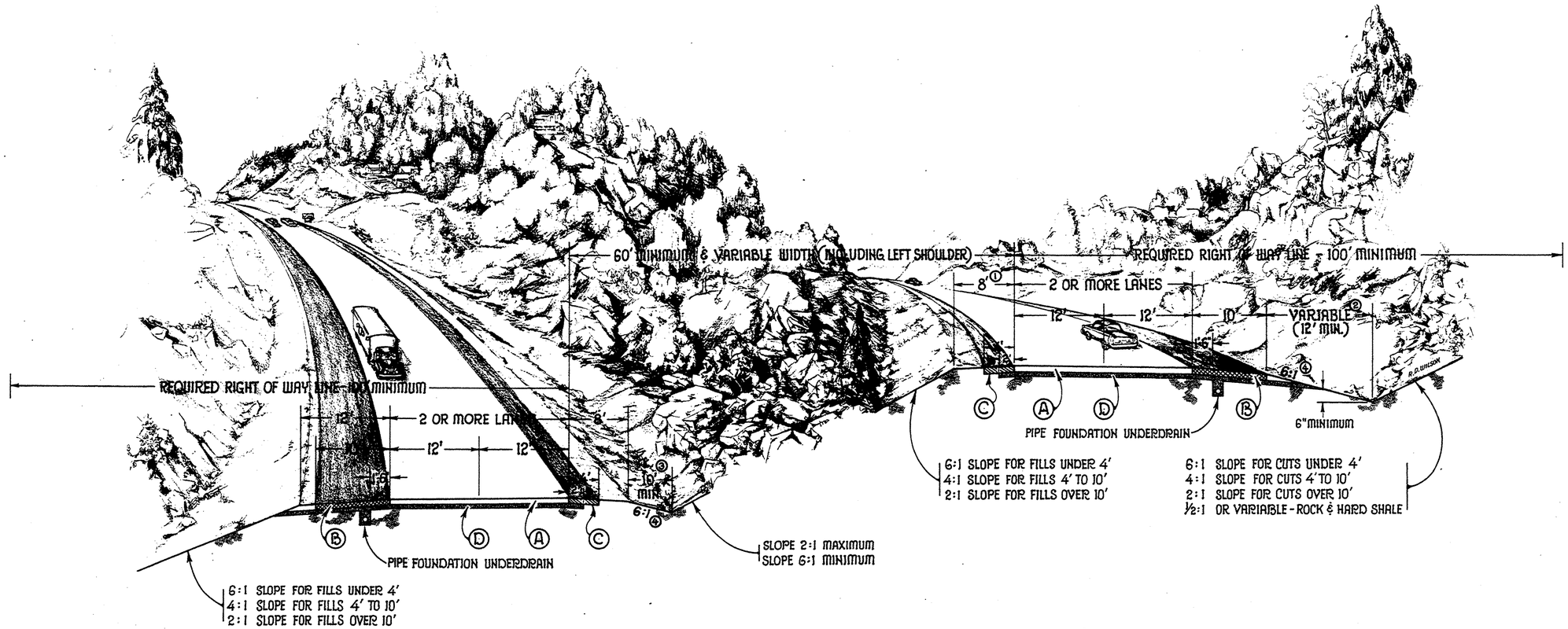


TYPICAL ROADWAY SECTION

Ⓐ PAVEMENT
Ⓑ PAVED OR STABILIZED SHOULDER - SLOPE ¾" PER FT. MINIMUM
Ⓒ STABILIZED SHOULDER - SLOPE ¾" PER FOOT
Ⓓ SUB-BASE - SLOPE SAME AS PAVEMENT

① *LESS THAN 44' MINIMUM ON SOME EXISTING HIGHWAYS*
② *10' MINIMUM ON SOME EXISTING HIGHWAYS*
③ *4:1 ON SOME EXISTING HIGHWAYS*

TYPICAL CROSS SECTION
ROADWAY
R-1

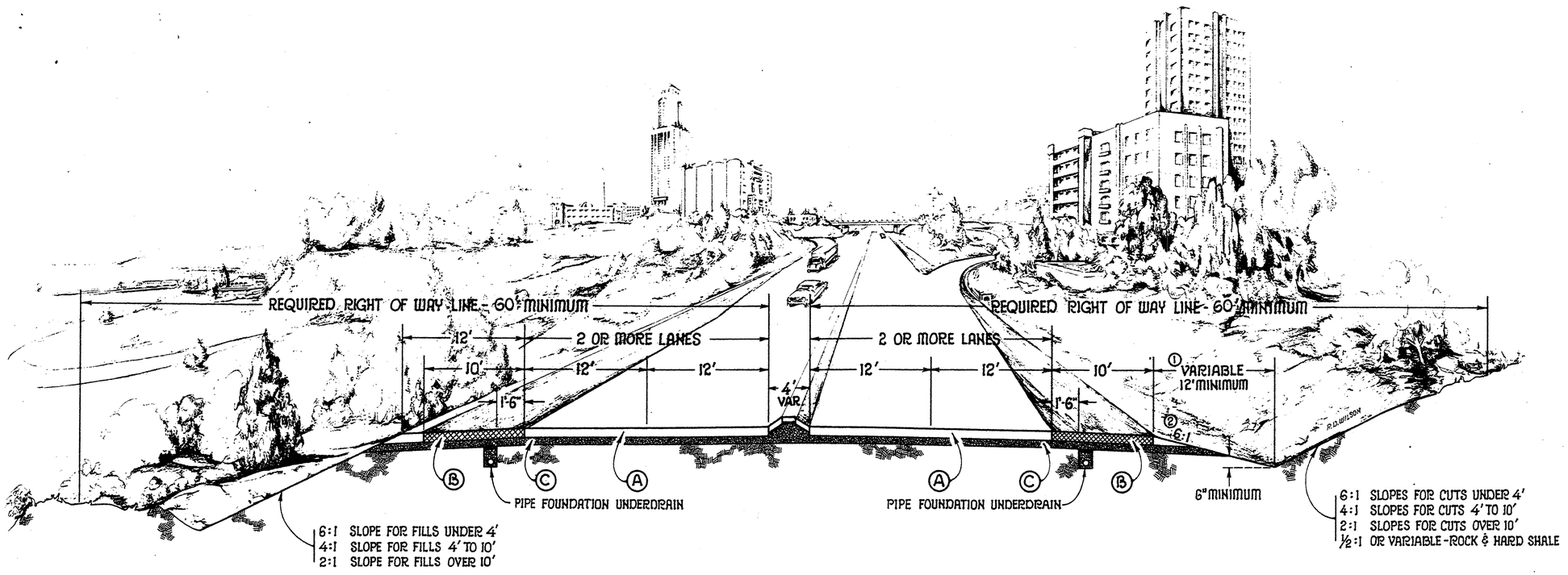


TYPICAL SECTION
OF SEPARATE AND INDEPENDENT ROADWAYS

Ⓐ PAVEMENT
Ⓑ PAVED OR STABILIZED SHOULDER - SLOPE ¾" PER FOOT MINIMUM
Ⓒ STABILIZED SHOULDER - SLOPE ¾" PER FOOT
Ⓓ SUB-BASE - SLOPE SAME AS PAVEMENT

① *TEN FEET AT LOCATIONS REQUIRING GUARD FENCE*
② *10' MINIMUM ON SOME EXISTING HIGHWAYS*
③ *6' MINIMUM ON SOME EXISTING HIGHWAYS*
④ *4:1 ON SOME EXISTING HIGHWAYS*

TYPICAL CROSS SECTION
ROADWAY
R-2



TYPICAL SECTION
· PAVED MEDIAN ·

Ⓐ PAVEMENT

Ⓑ PAVED OR STABILIZED SHOULDER - SLOPE ¾" PER FOOT MINIMUM

Ⓒ SUB-BASE - SLOPE SAME AS PAVEMENT

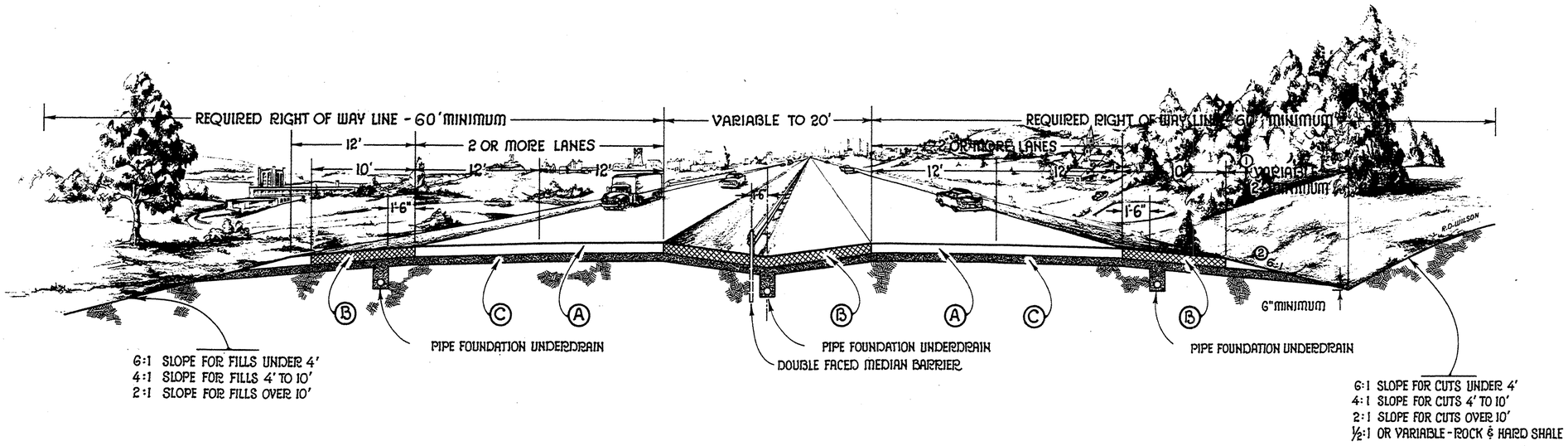
① *10' MINIMUM ON SOME EXISTING HIGHWAYS*

② *4:1 ON SOME EXISTING HIGHWAYS*

TYPICAL CROSS SECTION

ROADWAY

R-3



TYPICAL SECTION
· PAVED MEDIAN ·

(A) PAVEMENT

(B) PAVED OR STABILIZED SHOULDER - SLOPE ¾" PER FOOT MINIMUM

(C) SUB-BASE - SLOPE SAME AS PAVEMENT

① *10' MINIMUM ON SOME EXISTING HIGHWAYS*

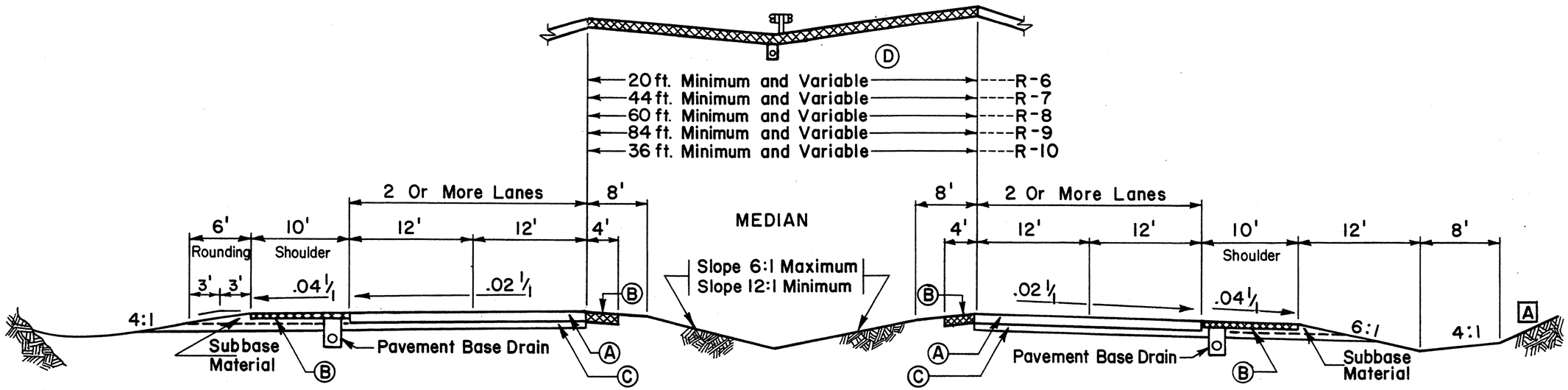
② *4:1 ON SOME EXISTING HIGHWAYS*

TYPICAL CROSS SECTION

ROADWAY

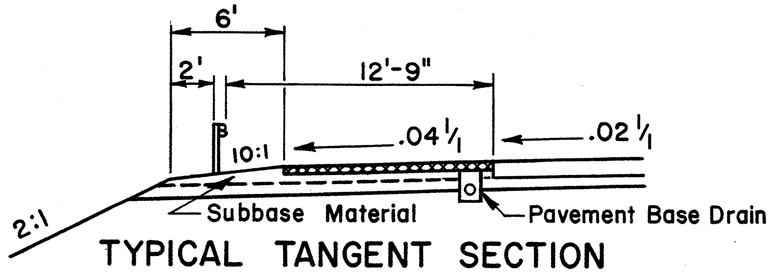
R-4

7530-2350-0200

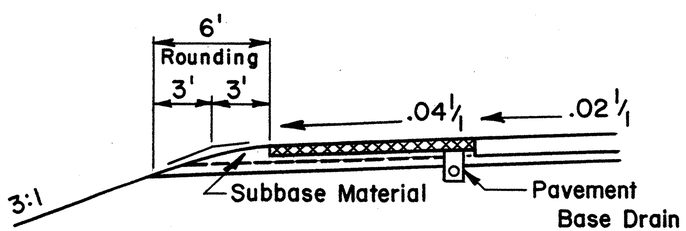


TYPICAL FILL SECTION - 15' AND UNDER

TYPICAL CUT SECTION

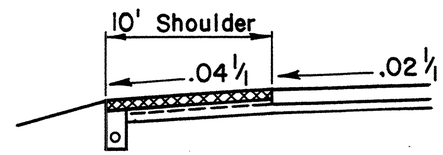


TYPICAL TANGENT SECTION



ALTERNATE TANGENT SECTION

TYPICAL FILL SECTIONS - OVER 15'



ALTERNATE SUBGRADE DRAINAGE TREATMENT

[A] 3:1 For Cuts Up To 10'
2:1 For Cuts Over 10'

(A) Pavement

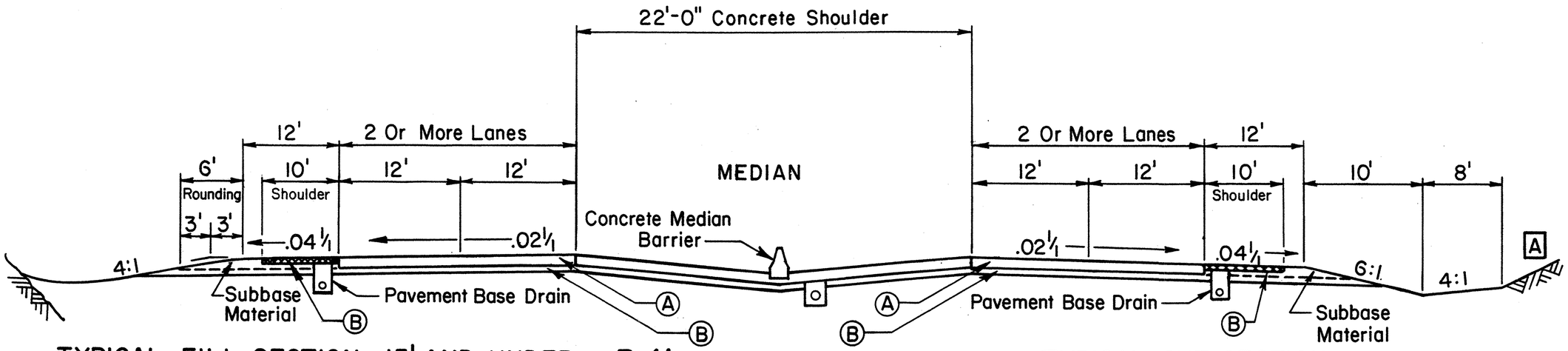
(B) Concrete Shoulder

(C) Sub-Base

(D) Median Barrier Provided On Medians 20 Feet Or Less

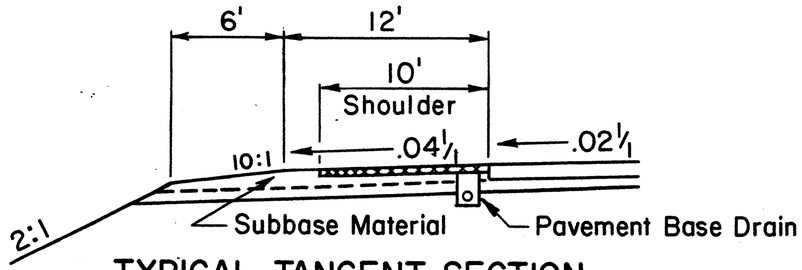
TYPICAL CROSS SECTIONS
ROADWAY
R-6 R-7 R-8
R-9 R-10

AFTER DEC. 18, 1979

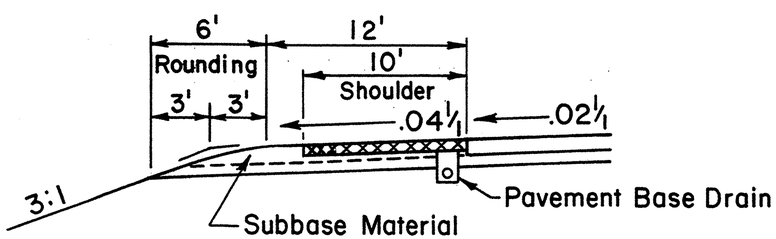


TYPICAL FILL SECTION - 15' AND UNDER R-11

TYPICAL CUT SECTION



TYPICAL TANGENT SECTION



ALTERNATE TANGENT SECTION

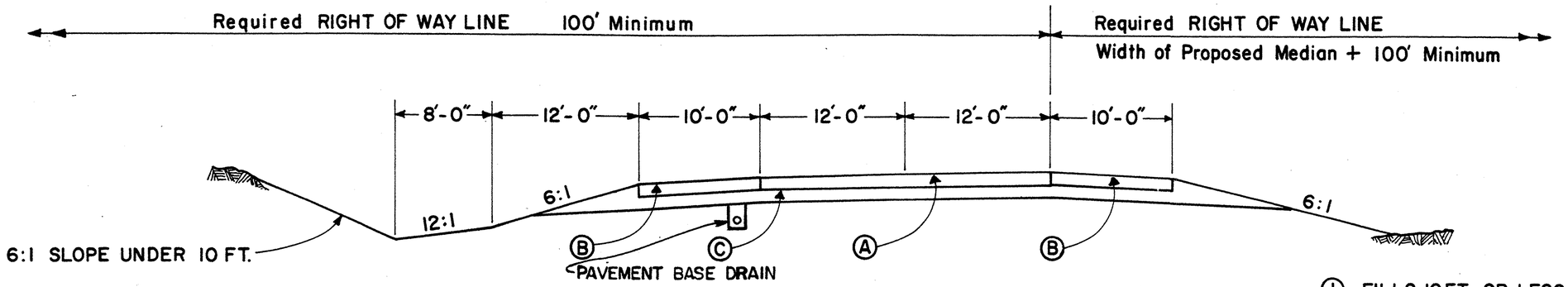
TYPICAL FILL SECTIONS - OVER 15' R-12

[A] 3:1 For Cuts Up To 10'
2:1 For Cuts Over 10'

(A) Pavement
(B) Concrete Shoulder
(C) Sub-Base

TYPICAL CROSS SECTIONS
ROADWAY

R-11 R-12

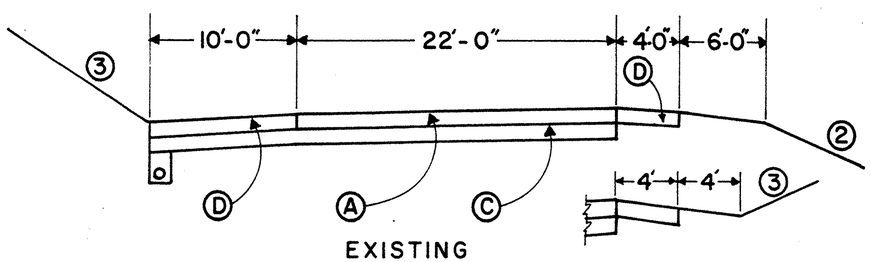


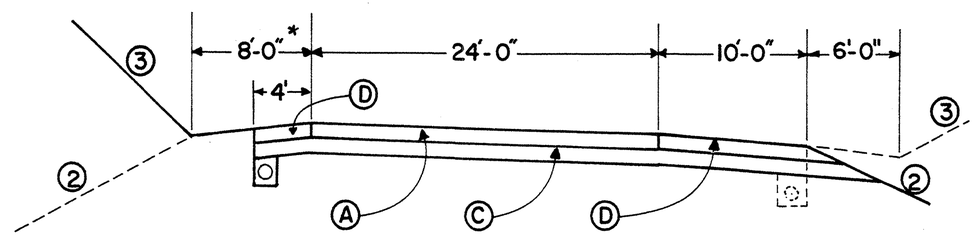
R-13

STAGE CONSTRUCTION
2 LANES ON 4 LANE RIGHT OF WAY

- (A) Pavement
- (B) Paved Shoulder
- (C) Sub-Base
- (D) Stabilized Shoulder

- (1) See Typicals R-6, R-7, R-8, & R-9, for slope treatments on fills over 10'.
- (2) 4:1 Slope Under 10'
  1½:1 Slope Over 10'
- (3) 1½:1 Slope Under 10'
  1:1 Slope Over 10'





R-14

SEPARATED ROADWAYS

* 10'-0" Fills over 10'

TYPICAL CROSS SECTIONS
ROADWAY
R-13 R-14

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M01.0.0**	**M01.1.0**	**M02.0.0**	**M03.0.0**	**M04.0.0**	**M04.1.0**
LRS Milepoint: Beginning/Ending	**0.130/0.620**	**0.000/4.400**	**4.400/6.100**	**6.100/9.600**	**9.600/10.900**	**10.900/13.410**
Status	**NP**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.4	4.4	1.7	3.5	1.3	2.3
3. Class/Urban Code	U/6600	U/6600	U/6600	U/6600	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/129/18	42/129/18	42/129/18	42/129/18	42/129/18	42/129/18
---- *b. HPMS Route/Subroute*	0000643091/00	0000647066/00	0000647066/00	0000647066/00	0000647066/00	0000647066/00
---- *c. HPMS Signed Route/Strip Map #*	0000000000/M1	00000PA066/M1	00000PA066/M1	00000PA066/M1	00000PA066/M2	00000PA066/M2
5. Estimate Section/NHS Designation	2/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	23,517	13,028	13,028	13,028	13,028	13,028
---- *b. ADT-Year 2015*	27,292	15,120	15,120	15,120	15,120	15,120
---- *c. Design Year*	2,012	2,012	2,012	2,012	2,012	2,012
---- *d. ADT-Design Year*	19,880	19,880	19,630	23,720	23,720	32,000
---- *e. DHV-Design Year*	2,186	2,186	760	760	3,200	3,200
---- *f. % Truck Design Year(DHV)*	12	12	12	12	12	12
---- *g. % Truck Design Year(ADT)*	12	12	12	12	12	12
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-3/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Partial
11. Right-of-Way Width(ft), prevailing	100	380	320	400	270	270
12. Median Width(ft), prevailing	4	60	60	60	60	60
13. Status of Development(Figure 4)	np	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M05.0.0**	**M06.0.0**	**M07.0.0**	**M07.1.0**	**M08.0.0**	**M09.0.0**
LRS Milepoint: Beginning/Ending	**7.390/10.060**	**10.060/14.230**	**14.230/16.230**	**16.230/17.230**	**17.230/19.920**	**19.920/20.880**
Status	**Completed**	**Completed**	**Completed**	**Final Construction**	**Final Construction**	**Design/RoW**
1. Finance Code	20	20	20	20	20	23
2. Section Length(Miles)	2.9	4.1	2	0.9	2.5	1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/129/18	42/129/18	42/129/12	42/129/12	42/129/12	42/129/12
---- *b. HPMS Route/Subroute*	0000640022/00	0000640022/00	0000640022/00	0000640022/00	0000640022/00	0000640022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M2	00000US022/M2	00000US022/M2	00000US022/M2	00000US022/M2	00000US022/M2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	17,379	18,536	18,523	18,580	18,580	18,379
---- *b. ADT-Year 2015*	20,169	21,512	21,497	21,562	21,563	21,330
---- *c. Design Year*	2,013	2,014	2,021	2,025	2,025	2,026
---- *d. ADT-Design Year*	26,380	23,440	24,366	27,610	27,610	23,000
---- *e. DHV-Design Year*	2,638	2,344	2,437	2,017	2,017	2,300
---- *f. % Truck Design Year(DHV)*	14	14	12	14	14	16
---- *g. % Truck Design Year(ADT)*	14	14	12	14	14	16
---- *h. Directional Distribution Factor*	55	55	50	55	55	50
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-3/None	R-4/None	R-4/None	R-4/None	R-4/None	R-4/None
11. Right-of-Way Width(ft), prevailing	80	140	124	140	140	140
12. Median Width(ft), prevailing	7	16	18	18	18	18
13. Status of Development(Figure 4)	1a	1a	1a	3a2	3a2	4a1

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	3,069
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	4,721
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	661
23. Traffic Control	0	0	0	0	0	1,641
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	51
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	720
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**10,863**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**1,048**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**11,911**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**12,506**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M10.0.0**	**M10.1.0**	**M11.0.0**	**M12.0.0**	**M12.1.0**	**M12.2.0**
LRS Milepoint: Beginning/Ending	**20.900/21.740**	**21.740/24.000**	**0.000/2.890**	**2.890/3.890**	**3.890/7.590**	**7.590/11.800**
Status	**Design/RoW**	**Design/RoW**	**NP**	**Completed**	**Final Construction**	**Design/RoW**
1. Finance Code	23	23	20	20	20	22
2. Section Length(Miles)	0.8	2.3	2.9	1	3.7	4.2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/129/12	42/129/12	42/063/09	42/063/09	42/063/09	42/063/09
---- *b. HPMS Route/Subroute*	0000640022/00	0000640022/00	0000320022/00	0000320022/00	0000320022/00	0000320022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M2	00000US022/M2	00000US022/M3	00000US022/M3	00000US022/M3	00000US022/M3
5. Estimate Section/NHS Designation	1/NHS	1/NHS	2/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	18,379	18,218	19,500	17,200	10,810	10,810
---- *b. ADT-Year 2015*	21,330	21,143	23,770	20,970	13,180	13,180
---- *c. Design Year*	2,026	2,027	2,020	2,020	2,025	2,027
---- *d. ADT-Design Year*	23,000	22,900	32,600	23,950	16,360	16,400
---- *e. DHV-Design Year*	2,300	2,290	3,260	1,916	1,600	880
---- *f. % Truck Design Year(DHV)*	16	16	25	10	15	15
---- *g. % Truck Design Year(ADT)*	16	16	30	12	24	16
---- *h. Directional Distribution Factor*	50	55	55	65	60	55
8. Number of Lanes to be Constructed this Estimate	4	4	0	0	0	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-4/None	R-4/None	R-4/None	R-4/Partial	R-4/None	R-4/None
11. Right-of-Way Width(ft), prevailing	140	140	120	180	384	384
12. Median Width(ft), prevailing	18	18	20	16	18	18
13. Status of Development(Figure 4)	4a1	4a1	np	1a	3a2	4a1

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	2,631	5,728	0	0	0	20,542
18. Subbase, Base, Surfacing, Shoulders	4,046	8,789	0	0	0	14,902
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	970
22. Other Bridges, Tunnels, and Walls	0	3,313	0	0	0	3,450
23. Traffic Control	1,406	1,569	0	0	0	2,152
24. Environmental Mitigation	0	131	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	44	33	0	0	0	250
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	617	765	0	0	0	2,881
27. Subtotal(lines 17 thru 26)	**8,744**	**20,328**	**0**	**0**	**0**	**45,147**
28. Construction Engineering(9.64500000% of line 27)	**843**	**1,961**	**0**	**0**	**0**	**4,354**
29. Total Cost of Construction(lines 27 & 28)	**9,587**	**22,289**	**0**	**0**	**0**	**49,501**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**10,067**	**23,403**	**0**	**0**	**0**	**51,976**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M13.0.0**	**M14.0.0**	**M18.0.0**	**M19.0.0**	**M20.0.0**	**M20.1.0**
LRS Milepoint: Beginning/Ending	**11.800/14.600**	**14.600/18.160**	**0.000/0.200**	**0.200/2.070**	**2.070/4.670**	**4.670/5.190**
Status	**NP**	**Completed**	**Final Construction**	**Final Construction**	**Final Construction**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.8	3.5	0.4	1.9	2.6	0.7
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/063/09	42/063/09	42/021/12	42/021/12	42/021/12	42/021/12
---- *b. HPMS Route/Subroute*	0000320022/00	0000320022/00	0000110022/00	0000110022/00	0000110022/00	0000110022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M4	00000US022/M4	00000US022/M4	00000US022/M4	00000US022/M4	00000US022/M4
5. Estimate Section/NHS Designation	2/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	70	70	70	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	12,200	7,000	9,565	9,565	9,681	9,681
---- *b. ADT-Year 2015*	14,870	8,540	11,659	11,659	11,080	11,080
---- *c. Design Year*	2,020	2,019	2,001	2,001	2,001	2,001
---- *d. ADT-Design Year*	22,000	10,950	9,756	9,756	9,875	9,875
---- *e. DHV-Design Year*	2,200	1,600	976	976	988	988
---- *f. % Truck Design Year(DHV)*	30	15	10	10	12	12
---- *g. % Truck Design Year(ADT)*	35	24	19	19	15	15
---- *h. Directional Distribution Factor*	60	60	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-3/Full	R-4/None	R-4/None	R-4/None	R-4/None	R-4/None
11. Right-of-Way Width(ft), prevailing	124	384	140	140	140	140
12. Median Width(ft), prevailing	4	18	20	20	20	20
13. Status of Development(Figure 4)	np	1a	3a2	3a2	3a2	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M21.0.0**	**M22.0.0**	**M23.0.0**	**M24.0.0**	**M25.0.0**	**M26.0.0**
LRS Milepoint: Beginning/Ending	**5.190/7.880**	**7.880/9.760**	**9.760/10.160**	**10.160/11.770**	**11.770/12.410**	**12.410/12.910**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.3	2.2	0.6	1.1	0.8	0.5
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/021/12	42/021/12	42/021/12	42/021/12	42/021/12	42/021/12
---- *b. HPMS Route/Subroute*	0000110022/00	0000110022/00	0000110022/00	0000110022/00	0000110022/00	0000110022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M4	00000US022/M4	00000US022/M5	00000US022/M5	00000US022/M5	00000US022/M5
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	14,854	14,854	25,730	25,730	25,730	17,398
---- *b. ADT-Year 2015*	18,107	18,107	31,365	31,365	31,365	21,208
---- *c. Design Year*	2,032	2,032	2,021	2,021	2,021	2,001
---- *d. ADT-Design Year*	27,992	27,992	38,233	38,233	38,233	17,746
---- *e. DHV-Design Year*	2,800	2,800	3,824	3,824	3,824	1,775
---- *f. % Truck Design Year(DHV)*	6	6	5	5	5	7
---- *g. % Truck Design Year(ADT)*	15	15	10	10	10	14
---- *h. Directional Distribution Factor*	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-4/Full	R-4/Full	R-4/Full	R-4/Full	R-4/Full	R-4/None
11. Right-of-Way Width(ft), prevailing	140	120	120	120	140	140
12. Median Width(ft), prevailing	20	20	20	20	20	20
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M27.0.0**	**M28.0.0**	**M29.0.0**	**M30.0.0**	**M31.0.0**	**M32.0.0**
LRS Milepoint: Beginning/Ending	**12.910/15.190**	**15.190/19.320**	**19.320/23.000**	**23.000/23.590**	**0.000/1.800**	**1.800/5.540**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.9	3.3	3.3	1	1.8	3.3
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/021/12	42/021/12	42/021/12	42/021/12	42/013/09	42/013/09
---- *b. HPMS Route/Subroute*	0000110022/00	0000110022/00	0000110022/00	0000110022/00	0000070022/00	0000070022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M5	00000US022/M5	00000US022/M5	00000US022/M5	00000US022/M5	00000US022/M5
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	15,409	21,525	14,718	19,576	15,987	15,987
---- *b. ADT-Year 2015*	18,783	26,239	17,941	23,863	19,488	19,488
---- *c. Design Year*	1,998	1,997	1,998	1,998	1,998	1,998
---- *d. ADT-Design Year*	21,600	21,300	18,600	18,600	18,600	18,600
---- *e. DHV-Design Year*	2,160	2,130	1,860	1,860	1,860	1,860
---- *f. % Truck Design Year(DHV)*	15	15	17	15	15	15
---- *g. % Truck Design Year(ADT)*	12	12	20	20	20	20
---- *h. Directional Distribution Factor*	55	55	55	54	54	54
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/None	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full
11. Right-of-Way Width(ft), prevailing	427	384	412	420	420	633
12. Median Width(ft), prevailing	60	60	60	60	60	60
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M35.0.0**	**M36.0.0**	**M38.0.0**	**M39.0.0**	**M39.1.0**	**M40.0.0**
LRS Milepoint: Beginning/Ending	**5.540/6.970**	**6.970/7.280**	**7.280/11.770**	**11.770/13.180**	**13.180/13.880**	**13.880/20.070**
Status	**Completed**	**Completed**	**Location Study**	**Location Study**	**Location Study**	**Location Study**
1. Finance Code	20	20	23	23	23	23
2. Section Length(Miles)	1.9	0.6	2.3	1.7	0.7	6.2
3. Class/Urban Code	R/0	U/130	U/130	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/013/09	42/013/09	42/013/09	42/013/09	42/013/09	42/013/09
---- *b. HPMS Route/Subroute*	0000070022/00	0000070022/00	0000070022/00	0000070022/00	0000070022/00	0000070022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M6	2000000022/M6	00000US022/M6	00000US022/M6	00000US022/M6	00000US022/M6
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	16,136	17,131	11,000	8,060	8,060	4,827
---- *b. ADT-Year 2015*	19,670	20,883	13,409	9,825	9,825	5,885
---- *c. Design Year*	1,997	1,997	2,035	2,035	2,035	2,035
---- *d. ADT-Design Year*	18,300	19,200	18,430	13,505	13,505	8,088
---- *e. DHV-Design Year*	1,830	1,920	1,475	1,351	1,351	809
---- *f. % Truck Design Year(DHV)*	15	15	10	6	6	8
---- *g. % Truck Design Year(ADT)*	20	20	13	12	12	16
---- *h. Directional Distribution Factor*	54	54	55	54	54	55
8. Number of Lanes to be Constructed this Estimate	0	0	4	4	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-8/Full	R-8/Full	R-9/Full	R-9/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	360	360	360	384	443	415
12. Median Width(ft), prevailing	60	60	60	84	84	84
13. Status of Development(Figure 4)	1a	1a	5a4	5a4	5a4	5a4

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	1,861	1,375	566	5,016
---- *b. Design*	0	0	2,559	1,892	779	6,899
15. Right-of-Way:						
---- *a. Acquisition*	0	0	1,871	1,383	570	5,045
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	276	204	84	745
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	36,294	26,826	11,046	97,836
27. Subtotal(lines 17 thru 26)	**0**	**0**	**36,294**	**26,826**	**11,046**	**97,836**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**3,501**	**2,587**	**1,065**	**9,436**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**39,795**	**29,413**	**12,111**	**107,272**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**48,680**	**35,981**	**14,816**	**131,226**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M41.0.0**	**M42.0.0**	**M43.0.0**	**M44.0.0**	**M45.0.0**	**M46.0.0**
LRS Milepoint: Beginning/Ending	**20.070/25.600**	**0.000/3.500**	**3.500/4.700**	**4.700/5.730**	**5.730/8.230**	**8.230/10.500**
Status	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Location Study**
1. Finance Code	23	23	23	23	23	23
2. Section Length(Miles)	5	4	1.3	1	2.4	3.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/013/09	42/061/09	42/061/09	42/061/09	42/061/09	42/061/09
---- *b. HPMS Route/Subroute*	0000070022/00	0000310022/00	0000310022/00	0000310022/00	0000310022/00	0000310022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M6	00000US022/M7	00000US022/M7	00000US022/M7	00000US022/M7	00000US022/M7
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	3,847	3,847	10,322	10,947	10,947	13,509
---- *b. ADT-Year 2015*	4,689	4,689	12,583	13,344	13,344	16,467
---- *c. Design Year*	2,035	2,035	2,035	2,035	2,035	2,035
---- *d. ADT-Design Year*	6,445	6,445	17,294	18,342	18,342	22,635
---- *e. DHV-Design Year*	645	645	1,730	1,835	1,835	2,264
---- *f. % Truck Design Year(DHV)*	18	18	7	6	6	5
---- *g. % Truck Design Year(ADT)*	17	17	13	10	10	9
---- *h. Directional Distribution Factor*	50	50	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	4	4	4	4	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-9/Full	R-7/Full	R-7/Full	R-7/Full	R-7/Full
11. Right-of-Way Width(ft), prevailing	500	500	244	244	244	244
12. Median Width(ft), prevailing	200	200	44	44	44	44
13. Status of Development(Figure 4)	5a4	5a4	5a4	5a4	5a4	5a4

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	4,045	3,236	1,052	809	1,942	2,912
---- *b. Design*	5,564	4,451	1,447	1,113	2,671	4,006
15. Right-of-Way:						
---- *a. Acquisition*	4,068	3,255	1,058	814	1,953	2,929
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	601	481	156	120	288	433
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	78,900	63,120	20,514	15,780	37,872	56,808
27. Subtotal(lines 17 thru 26)	**78,900**	**63,120**	**20,514**	**15,780**	**37,872**	**56,808**
28. Construction Engineering(9.64500000% of line 27)	**7,610**	**6,088**	**1,979**	**1,522**	**3,653**	**5,479**
29. Total Cost of Construction(lines 27 & 28)	**86,510**	**69,208**	**22,493**	**17,302**	**41,525**	**62,287**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**105,827**	**84,662**	**27,516**	**21,166**	**50,798**	**76,195**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M47.0.0**	**M48.0.0**	**M49.0.0**	**M50.0.0**	**M51.0.0**	**M52.0.0**
LRS Milepoint: Beginning/Ending	**10.500/13.510**	**13.510/13.710**	**13.710/14.710**	**14.710/18.490**	**18.490/20.520**	**20.520/23.670**
Status	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Location Study**
1. Finance Code	23	23	23	23	23	23
2. Section Length(Miles)	2.4	0.5	1.2	3.7	3.1	2.7
3. Class/Urban Code	U/3820	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/061/09	42/061/09	42/061/09	42/061/09	42/061/09	42/061/09
---- *b. HPMS Route/Subroute*	0000310022/00	0000310022/00	0000310022/00	0000310022/00	0000310022/00	0000310022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M7	00000US022/M7	00000US022/M7	00000US022/M7	00000US022/M8	00000US022/M8
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	13,509	17,071	12,601	13,165	11,326	12,381
---- *b. ADT-Year 2015*	16,467	20,810	15,360	16,048	13,806	15,093
---- *c. Design Year*	2,035	2,035	2,035	2,035	2,035	2,035
---- *d. ADT-Design Year*	22,635	28,604	21,113	22,059	18,977	20,745
---- *e. DHV-Design Year*	2,264	2,861	2,112	2,206	1,898	2,075
---- *f. % Truck Design Year(DHV)*	5	5	6	6	5	5
---- *g. % Truck Design Year(ADT)*	9	9	12	12	10	10
---- *h. Directional Distribution Factor*	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	4	4	4	4	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-7/Full	B-6/Full	R-7/Full	R-7/Full	R-7/Full	R-7/Full
11. Right-of-Way Width(ft), prevailing	244	244	244	244	244	244
12. Median Width(ft), prevailing	44	44	44	44	44	44
13. Status of Development(Figure 4)	5a4	5a4	5a4	5a4	5a4	5a4

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	1,942	405	971	2,993	2,508	2,184
---- *b. Design*	2,670	556	1,335	4,117	3,449	3,004
15. Right-of-Way:						
---- *a. Acquisition*	1,953	407	976	3,011	2,522	2,197
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	288	60	144	445	372	324
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	37,872	7,890	18,936	58,386	48,918	42,606
27. Subtotal(lines 17 thru 26)	**37,872**	**7,890**	**18,936**	**58,386**	**48,918**	**42,606**
28. Construction Engineering(9.64500000% of line 27)	**3,653**	**761**	**1,826**	**5,631**	**4,718**	**4,109**
29. Total Cost of Construction(lines 27 & 28)	**41,525**	**8,651**	**20,762**	**64,017**	**53,636**	**46,715**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**50,797**	**10,583**	**25,398**	**78,312**	**65,611**	**57,146**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M53.0.0**	**M54.0.0**	**M55.0.0**	**M56.0.0**	**M56.1.0**	**M57.0.0**
LRS Milepoint: Beginning/Ending	**0.000/4.940**	**4.940/10.300**	**10.300/16.060**	**16.060/18.260**	**18.260/20.560**	**20.560/22.760**
Status	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Final Construction**	**Final Construction**
1. Finance Code	23	23	23	23	20	20
2. Section Length(Miles)	5.7	4.8	5.3	2.2	2.3	2.2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/087/09	42/087/09	42/087/09	42/087/09	42/087/09	42/087/09
---- *b. HPMS Route/Subroute*	0000440022/00	0000440022/00	0000440022/00	0000440022/00	0000440022/00	0000440022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M9	00000US022/M9	00000US022/M10	00000US022/M10	00000US022/M10	00000US022/M10
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	9,600	9,600	5,997	8,997	9,318	9,318
---- *b. ADT-Year 2015*	11,475	11,475	7,168	7,168	11,138	11,138
---- *c. Design Year*	2,037	2,037	2,037	2,037	2,020	2,020
---- *d. ADT-Design Year*	16,990	16,990	10,614	10,614	12,177	12,177
---- *e. DHV-Design Year*	1,699	1,699	849	849	974	974
---- *f. % Truck Design Year(DHV)*	7	7	11	11	10	10
---- *g. % Truck Design Year(ADT)*	14	14	10	10	12	12
---- *h. Directional Distribution Factor*	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	4	4	4	4	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-6/Full	R-6/Full
11. Right-of-Way Width(ft), prevailing	260	260	260	260	236	236
12. Median Width(ft), prevailing	60	60	60	60	36	36
13. Status of Development(Figure 4)	5a4	5a4	5a4	5a4	3a2	3a2

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	4,611	3,883	4,288	1,780	0	0
---- *b. Design*	6,343	5,341	5,898	2,448	0	0
15. Right-of-Way:						
---- *a. Acquisition*	4,638	3,906	4,312	1,790	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	685	577	637	264	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	89,946	75,744	83,634	34,716	0	0
27. Subtotal(lines 17 thru 26)	**89,946**	**75,744**	**83,634**	**34,716**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**8,675**	**7,306**	**8,066**	**3,348**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**98,621**	**83,050**	**91,700**	**38,064**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**120,643**	**101,594**	**112,177**	**46,564**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M57.1.0**	**M58.0.0**	**M59.0.0**	**M60.0.0**	**M60.1.0**	**M61.0.0**
LRS Milepoint: Beginning/Ending	**22.760/23.260**	**23.260/25.960**	**25.960/28.960**	**0.000/1.300**	**1.300/3.210**	**3.210/5.920**
Status	**Final Construction**	**NP**	**Final Construction**	**Final Construction**	**Final Construction**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.5	2.7	3	1.3	2.3	2.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/087/09	42/087/09	42/087/09	42/067/09	42/067/09	42/067/09
---- *b. HPMS Route/Subroute*	0000440022/00	0000440022/00	0000440022/00	0000340022/00	0000340022/00	0000340022/00
---- *c. HPMS Signed Route/Strip Map #*	0000US022/M10	00000US022/M10	00000US022/M11	00000US022/M11	00000US022/M11	00000US022/M11
5. Estimate Section/NHS Designation	1/NHS	2/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	60	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	9,318	23,596	9,272	17,768	17,768	17,768
---- *b. ADT-Year 2015*	11,138	28,204	11,083	21,238	21,238	21,238
---- *c. Design Year*	2,020	2,000	2,022	2,022	2,022	2,000
---- *d. ADT-Design Year*	12,177	23,596	12,557	24,063	24,063	17,768
---- *e. DHV-Design Year*	974	2,124	1,256	2,406	2,406	1,777
---- *f. % Truck Design Year(DHV)*	10	5	9	9	9	9
---- *g. % Truck Design Year(ADT)*	12	11	12	17	17	17
---- *h. Directional Distribution Factor*	55	60	50	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-6/Full	R-3/Full	R-4/Full	R-4/Full	R-8/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	236	204	210	210	260	390
12. Median Width(ft), prevailing	36	4	10	10	60	84
13. Status of Development(Figure 4)	3a2	np	3a2	3a2	3a2	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M62.0.0**	**M63.0.0**	**M64.0.0**	**M65.0.0**	**M65.1.0**	**M66.0.0**
LRS Milepoint: Beginning/Ending	**5.920/9.730**	**9.730/14.030**	**14.030/18.710**	**18.710/20.780**	**0.000/2.360**	**2.360/5.390**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**NP**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	4.6	4.1	5.1	1.8	2	3.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/067/09	42/067/09	42/067/09	42/067/09	42/099/17	42/099/17
---- *b. HPMS Route/Subroute*	0000340022/00	0000340022/00	0000340022/00	0000340022/00	0000500022/00	0000500022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M11	00000US022/M11	00000US022/M12	00000US022/M12	00000US022/M13	00000US022/M13
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	2/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	14,590	14,590	14,590	13,711	14,945	12,364
---- *b. ADT-Year 2015*	17,439	17,439	17,439	16,389	17,187	14,219
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000	1,975
---- *d. ADT-Design Year*	14,590	14,590	14,590	13,711	17,900	10,100
---- *e. DHV-Design Year*	1,313	1,313	1,313	1,234	1,790	1,010
---- *f. % Truck Design Year(DHV)*	13	13	13	10	17	17
---- *g. % Truck Design Year(ADT)*	26	26	26	20	26	23
---- *h. Directional Distribution Factor*	55	55	55	50	65	65
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-9/Full	R-9/Full	R-8/Full	R-2/Full	R-2/Full	R-2/Full
11. Right-of-Way Width(ft), prevailing	390	390	450	390	390	390
12. Median Width(ft), prevailing	150	84	150	60	60	80
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	np

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M67.0.0**	**M68.0.0**	**M69.0.0**	**M70.0.0**	**M71.0.0**	**M72.0.0**
LRS Milepoint: Beginning/Ending	**5.390/10.180**	**10.180/14.560**	**0.000/1.670**	**1.670/2.310**	**2.310/4.070**	**4.070/6.640**
Status	**NP**	**NP**	**NP**	**Completed**	**NP**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	4.9	4	1.7	0.7	2	2.7
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/099/17	42/099/17	42/043/17	42/043/17	42/043/17	42/043/17
---- *b. HPMS Route/Subroute*	0000500022/00	0000500022/00	0000220022/00	0000220022/00	0000220022/00	0000220022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M13	00000US022/M13	00000US022/M14	00000US022/M14	00000US022/M14	00000US022/M14
5. Estimate Section/NHS Designation	2/NHS	2/NHS	2/NHS	1/NHS	2/NHS	1/NHS
6. Design Speed(mph)	70	60	70	70	50	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	19,389	16,995	31,623	24,310	36,687	27,641
---- *b. ADT-Year 2015*	22,297	19,544	36,366	27,957	42,190	31,787
---- *c. Design Year*	1,975	1,975	2,005	2,005	1,975	2,008
---- *d. ADT-Design Year*	10,100	9,800	22,500	27,000	17,800	46,000
---- *e. DHV-Design Year*	1,010	980	2,250	2,700	1,780	4,600
---- *f. % Truck Design Year(DHV)*	17	17	11	11	11	11
---- *g. % Truck Design Year(ADT)*	23	23	23	23	17	17
---- *h. Directional Distribution Factor*	65	50	65	50	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	5	4	4	4
10. Typical X-Section of Reference/Access Control	R-2/Full	R-3/Full	R-3/Full	B-1/None	R-3/Full	R-3/Full
11. Right-of-Way Width(ft), prevailing	450	420	200	190	120	250
12. Median Width(ft), prevailing	150	80	4	4	4	10
13. Status of Development(Figure 4)	np	np	np	1a	np	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**M73.0.0**	**M75.0.0**	**M76.0.0**	**M76.1.0**	**M76.2.0**
LRS Milepoint: Beginning/Ending	**6.640/8.340**	**8.340/9.520**	**9.520/11.300**	**11.300/13.000**	**13.000/13.500**
Status	**Completed**	**NP**	**NP**	**NP**	**NP**
1. Finance Code	20	20	20	20	20
2. Section Length(Miles)	1.9	1	1.9	1.6	0.4
3. Class/Urban Code	R/0	R/0	U/3500	U/3500	U/3500
4. Location:					
---- *a. FIPS State/County/Congressional*	42/043/17	42/043/17	42/043/17	42/043/17	42/043/17
---- *b. HPMS Route/Subroute*	0000220022/00	0000220022/00	0000220022/00	0000220022/00	0000220022/00
---- *c. HPMS Signed Route/Strip Map #*	00000US022/M14	00000US022/M14	00000US022/M14	00000US022/M14	00000US022/M14
5. Estimate Section/NHS Designation	1/NHS	2/NHS	2/NHS	2/NHS	2/NHS
6. Design Speed(mph)	70	55	70	70	70
7. Traffic:					
---- *a. ADT-Base Year (2005)*	27,641	13,820	46,212	27,420	39,041
---- *b. ADT-Year 2015*	31,787	15,893	53,144	39,500	44,897
---- *c. Design Year*	2,008	1,987	1,993	1,991	1,993
---- *d. ADT-Design Year*	46,000	29,200	35,700	34,600	29,700
---- *e. DHV-Design Year*	4,600	2,920	3,570	3,460	2,970
---- *f. % Truck Design Year(DHV)*	11	11	11	11	11
---- *g. % Truck Design Year(ADT)*	17	17	17	17	17
---- *h. Directional Distribution Factor*	60	60	70	70	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-3/Full	R-3/Full	R-11/Full	R-8/Full	R-10/Full
11. Right-of-Way Width(ft), prevailing	250	135	300	330	330
12. Median Width(ft), prevailing	10	4	4	60	60
13. Status of Development(Figure 4)	1a	np	np	np	np

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:					
---- *a. Location*	0	0	0	0	0
---- *b. Design*	0	0	0	0	0
15. Right-of-Way:					
---- *a. Acquisition*	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0
21. Interchanges	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0
23. Traffic Control	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0
25. Roadside Improvements:					
---- *a. Landscape Planting*	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0
26. All Other Items	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**

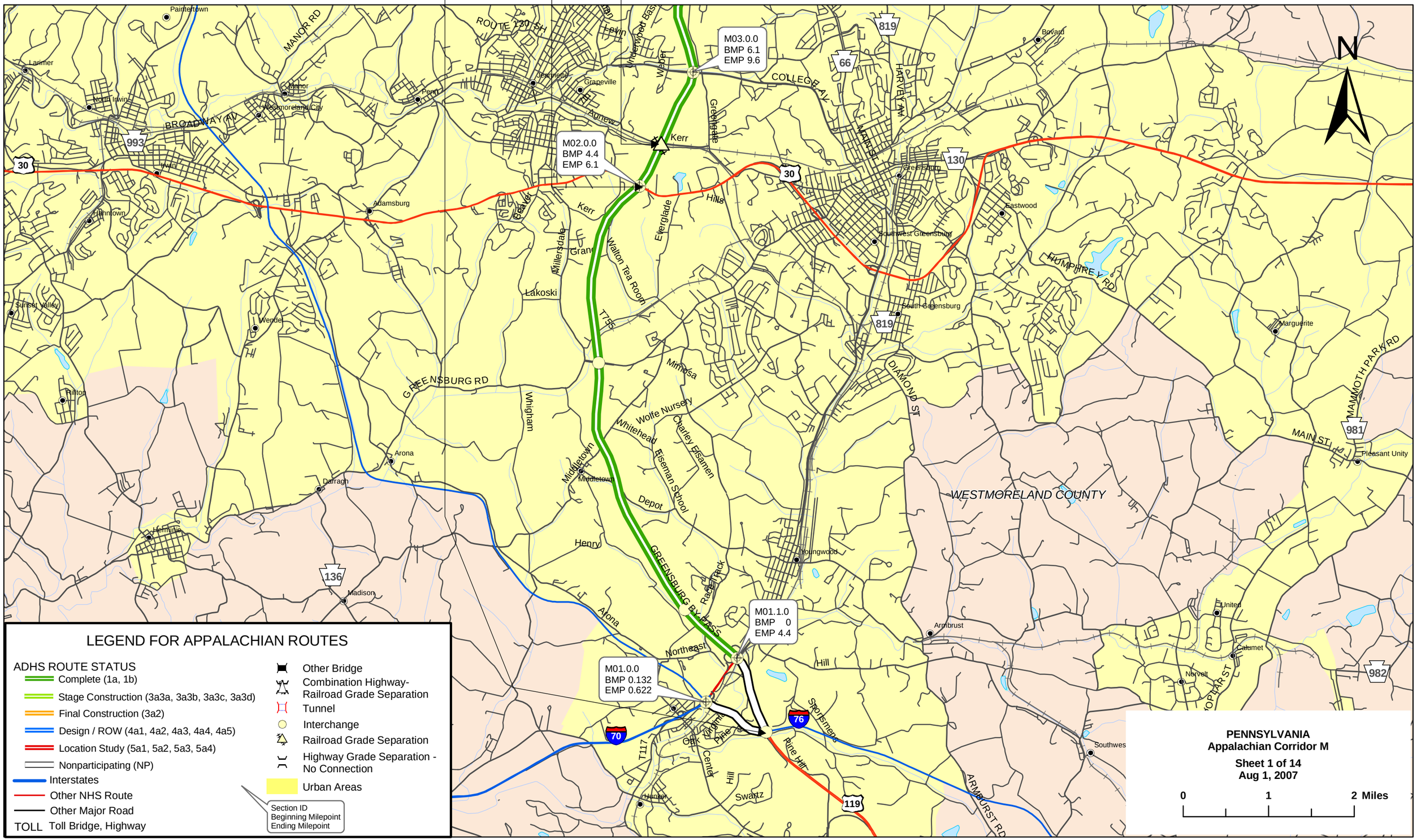
2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: M

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	200.10	180.90	19.20
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	48,379	44,576	3,803
---- *b. Design*	66,542	61,313	5,229
15. Right-of-Way:			
---- *a. Acquisition*	48,658	44,834	3,824
---- *b. Relocation*	0	0	0
16. Utility Adjustments	7,184	6,620	564
17. Erosion Control/Clear/Grade/Drain/Minor Structure	31,970	31,970	0
18. Subbase, Base, Surfacing, Shoulders	32,458	32,458	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	970	970	0
22. Other Bridges, Tunnels, and Walls	7,424	7,424	0
23. Traffic Control	6,768	6,768	0
24. Environmental Mitigation	131	131	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	378	378	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	948,627	874,461	74,166
27. Subtotal(lines 17 thru 26)	1,028,726	954,560	74,166
28. Construction Engineering(9.64500000% of line 27)	99,221	92,067	7,153
29. Total Cost of Construction(lines 27 & 28)	1,127,947	1,046,627	81,319
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	1,363,645	1,264,169	99,476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EMP 0.622
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WESTMORELAND COUNTY
ROUTE 130 SH
COLLEGE AV
BROADWAY AV
MANOR RD
HARVEY AV
MAIN ST
HUMPHREY RD
DIAMOND ST
MAMMOTH PARK RD
MAIN ST
GREENSBURG RD
GREENSBURG BY-PASS
ARMBURST RD
POPLAR ST
Kerr
Greenglade
Everglade
Hills
Millersdale
Walton Tea Room
Lakoski
Mimosa
Wolfe Nursery
Whitehead
Charley Eisamen
Eisman School
Depot
Whigham
Middletown
Henry
Arona
Northeast
Hill
Sportsmens
Rune Hill
Swartz
Center
Oak
Virginia Pine
Race Track
Underwood Bas
Weber
Levin
Aurene
Grapeville
Jeannette
Penn
Manor
Westmoreland City
North Irwin
Larimer
Paintertown
Irwin
Adamsburg
Hannontown
Sunset Valley
Wendel
Rillton
Arona
Darragh
Herminie
Madison
Youngwood
Armbrust
Southwes
Hunker
Greensburg
Southwest Greensburg
South Greensburg
Eastwood
Bovard
Marguerite
Pleasant Unity
United
Calumet
Norvelt
30
993
66
819
130
981
982
136
70
76
119
LEGEND FOR APPALACHIAN ROUTES
ADHS ROUTE STATUS
Complete (1a, 1b)
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
Final Construction (3a2)
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
Location Study (5a1, 5a2, 5a3, 5a4)
Nonparticipating (NP)
Interstates
Other NHS Route
Other Major Road
TOLL Toll Bridge, Highway
Other Bridge
Combination Highway-Railroad Grade Separation
Tunnel
Interchange
Railroad Grade Separation
Highway Grade Separation - No Connection
Urban Areas
Section ID
Beginning Milepoint
Ending Milepoint
PENNSYLVANIA
Appalachian Corridor M
Sheet 1 of 14
Aug 1, 2007
0
1
2 Miles

3(68) - E

0006094-E | 0006117-E

3(72) - E
3(73) - E

0082004-E 0082001-R
0082003-C

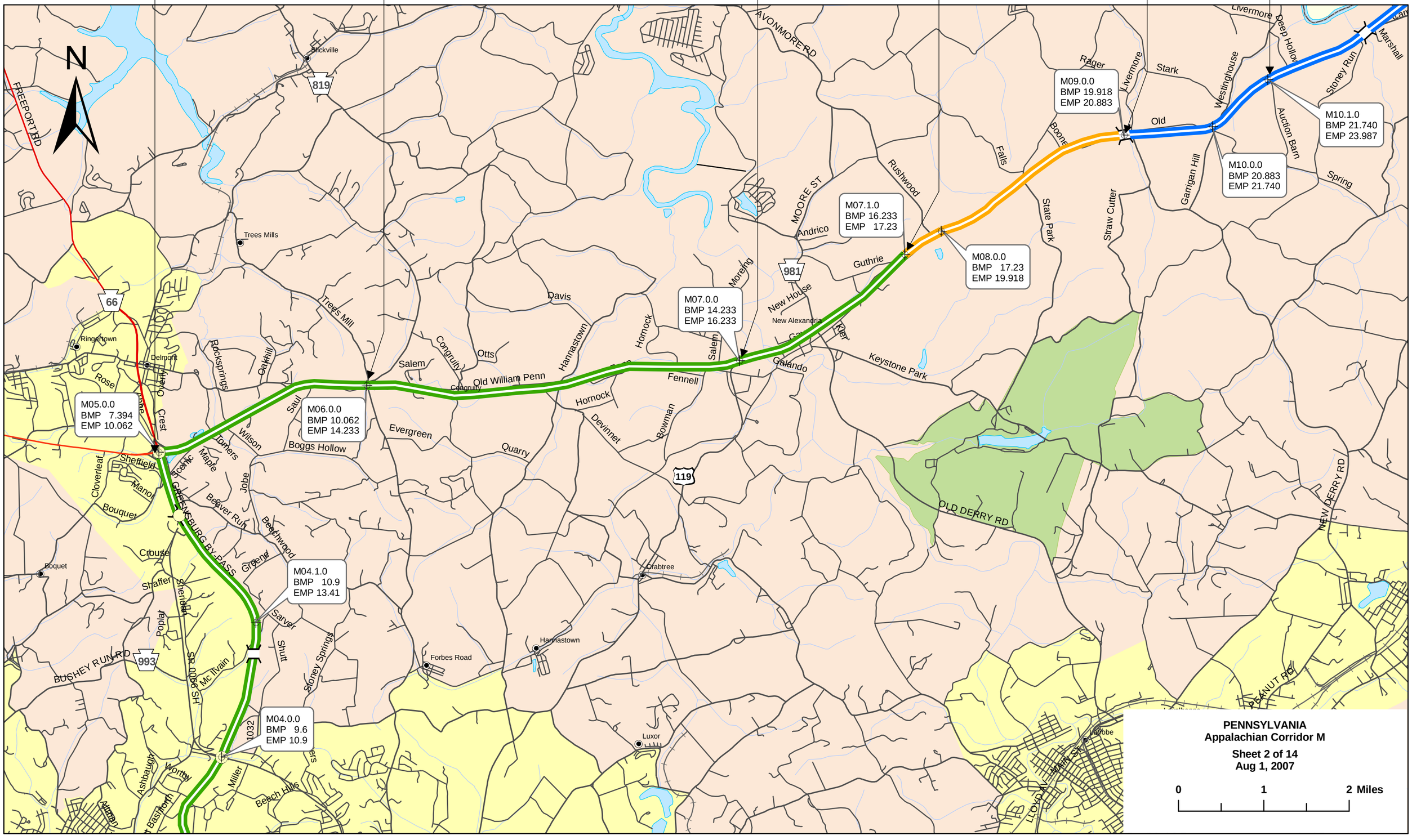
0082002-E 0006193-C
0082005-R 0082006-C

X125107-E,R
X125150-C

X125164-E,R
X125249-C

X125165-E,R

X125166-E,R



PENNSYLVANIA
Appalachian Corridor M

Sheet 2 of 14
Aug 1, 2007

0 1 2 Miles

0006117-E

X125166-E,R

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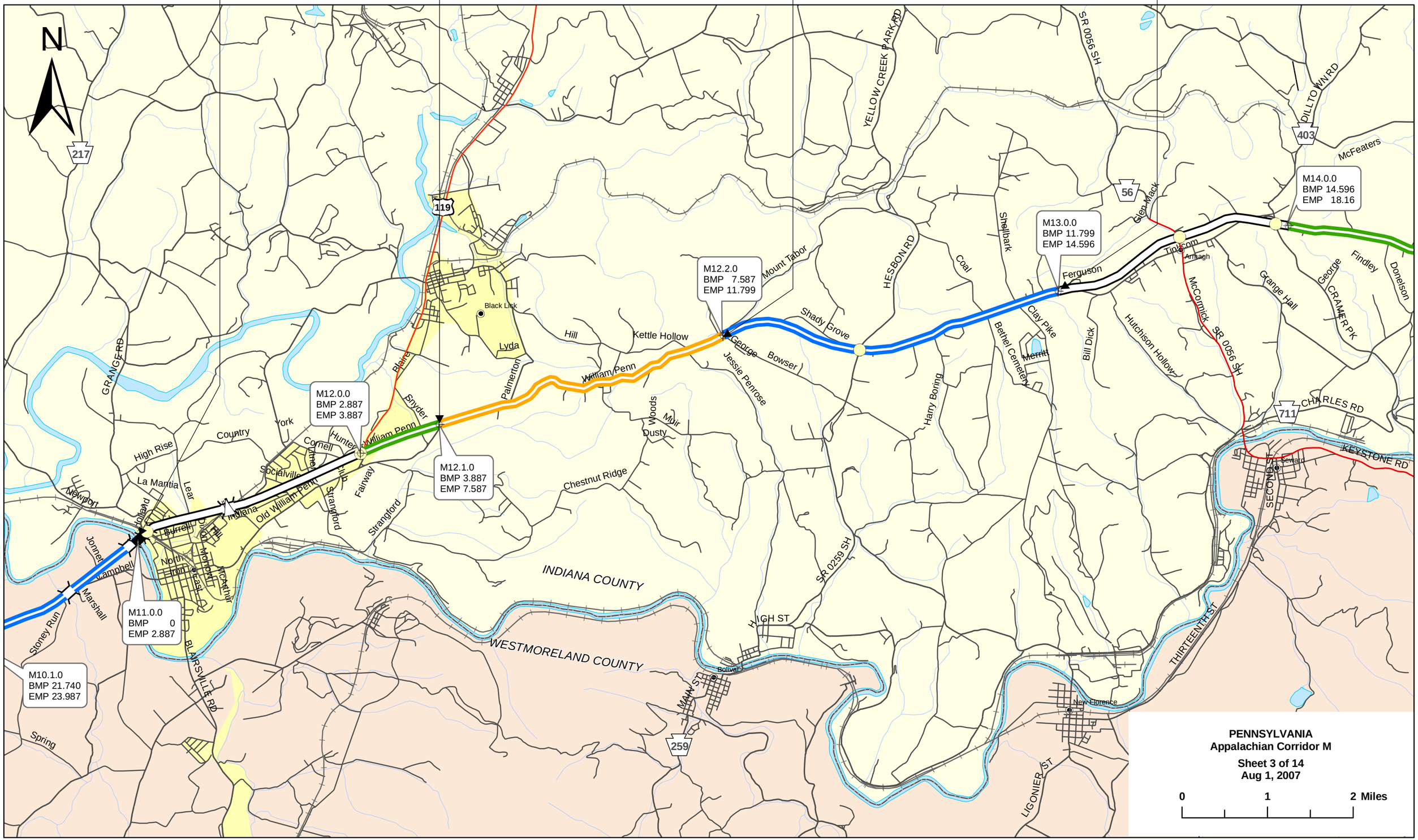
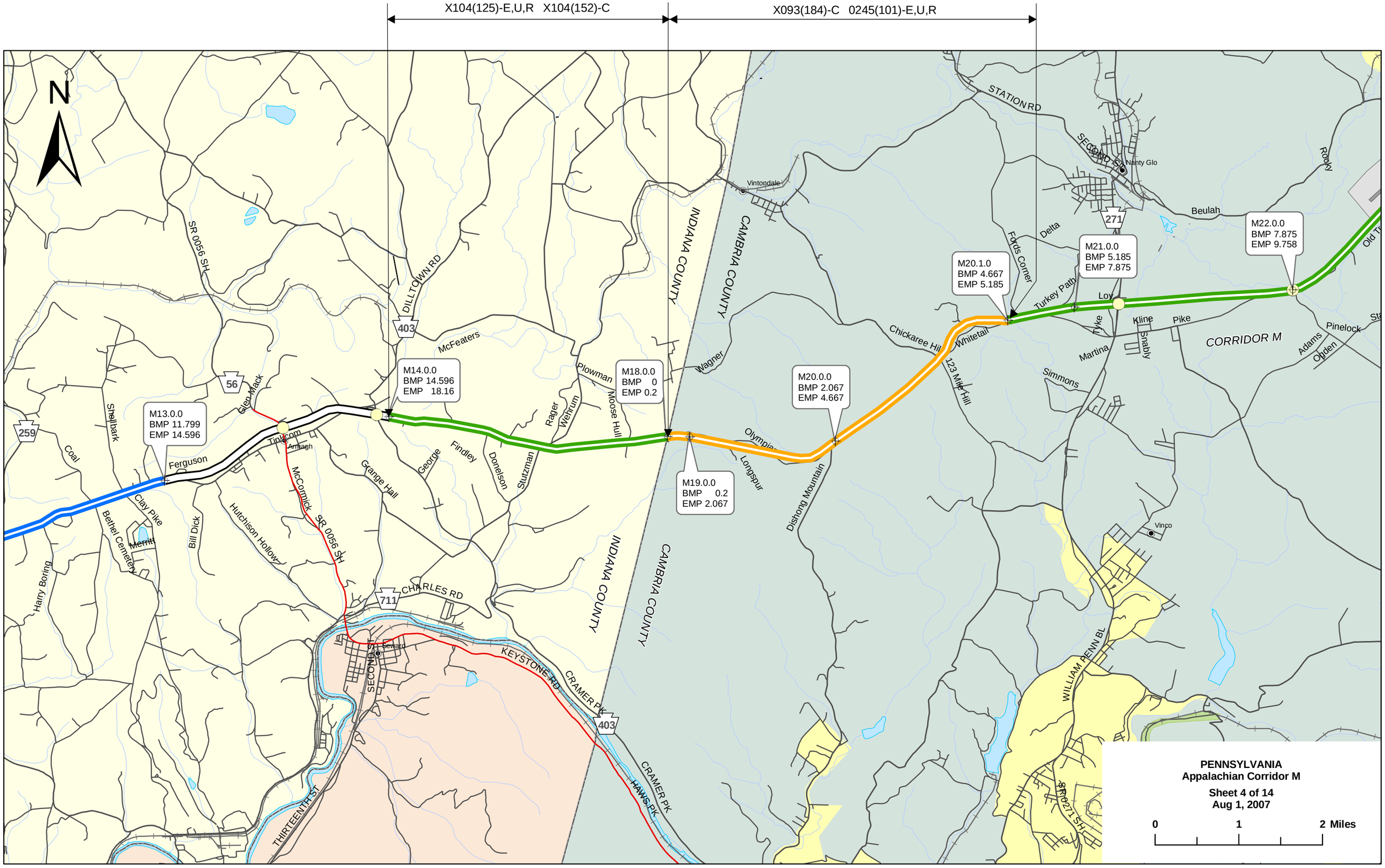
X104(161)-E,U,R



PENNSYLVANIA
Appalachian Corridor M

Sheet 3 of 14
Aug 1, 2007

0 1 2 Miles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BMP 14.596
EMP 18.16
M18.0.0
BMP 0
EMP 0.2
M19.0.0
BMP 0.2
EMP 2.067
M20.0.0
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EMP 4.667
M20.1.0
BMP 4.667
EMP 5.185
M21.0.0
BMP 5.185
EMP 7.875
M22.0.0
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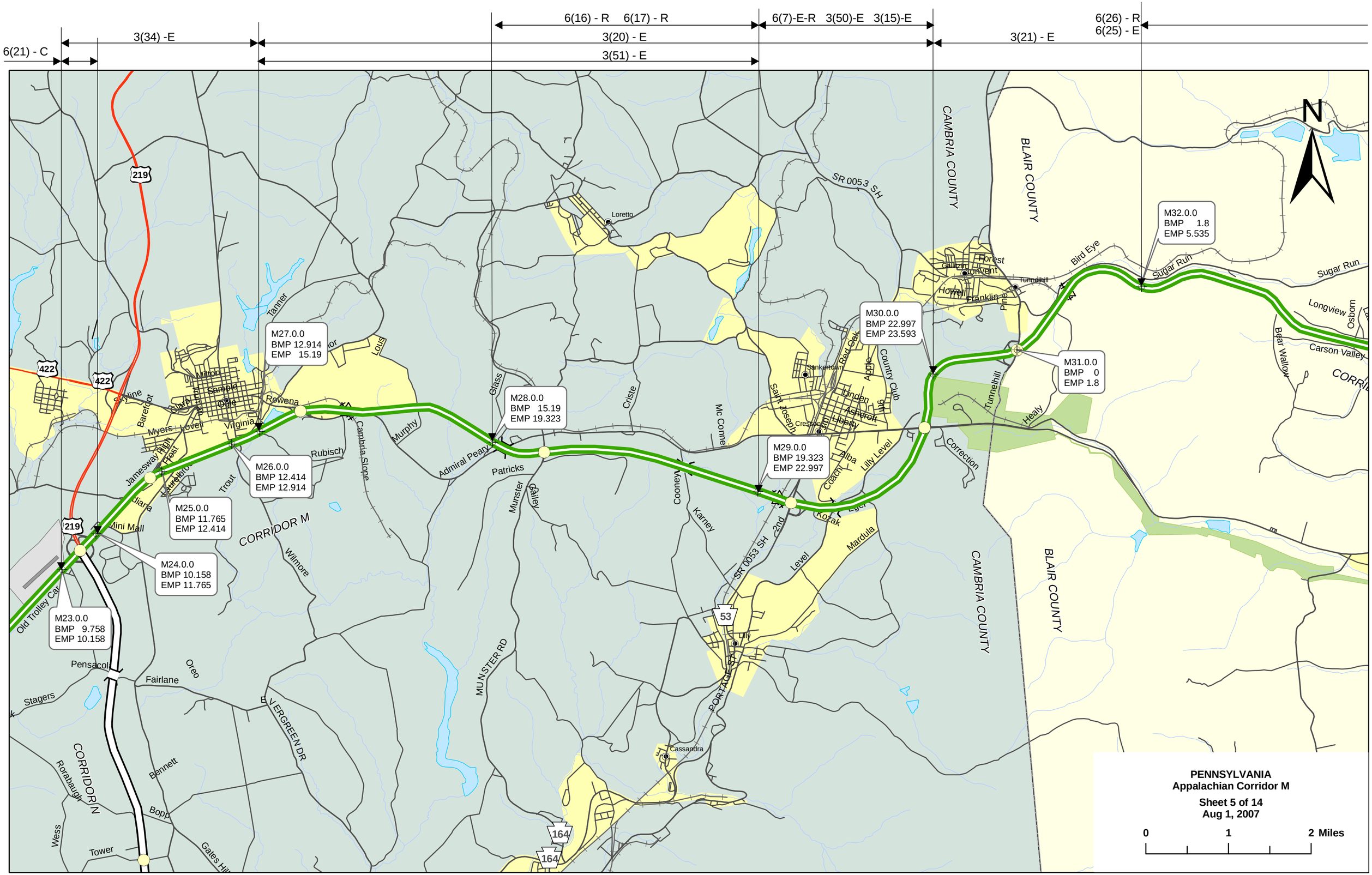
EMP 9.758
CORRIDOR M
INDIANA COUNTY
CAMBRIA COUNTY
SR 0056 SH
DILLTOWN RD
403
56
259
711
271
STATION RD
SECOND ST
Nanty Glo
Vintondale
Tire Com
Armagh
Seward
Vinco
Loy
Beulah
Delta
Fords Corner
Turkey Path
Chickaree Hill
Whitetail
123 Mile Hill
Olympia
Longspur
Dishong Mountain
Wagner
McFeaters
Plowman
Moose Hull
Rager
Wehrum
Stutzman
Donelson
Findley
George
Grange Hall
McCormick
Hutchison Hollow
Bill Dick
Clay Pike
Ferguson
Merritt
Bethel Cemetery
Harry Boring
Coal
Shellbark
Glen Mack
CHARLES RD
KEYSTONE RD
CRAMER PK
HAWS PK
THIRTEENTH ST
WILLIAM PENN BL
Martina
Simmons
Shably
Tyke
Kline
Pike
Adams
Ogden
Pinelock
Rocky
Old Tr
PENNSYLVANIA
Appalachian Corridor M
Sheet 4 of 14
Aug 1, 2007
0
1
2 Miles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3(34) -E
6(16) - R
6(17) - R
3(20) - E
3(51) - E
6(7)-E-R
3(50)-E
3(15)-E
3(21) - E
6(26) - R
6(25) - E
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EMP 10.158
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CORRIDOR M
CORRIDOR N
CAMBRIA COUNTY
BLAIR COUNTY
Loretto
Sankertown
Cresson
Lilly
Cassandra
Pensacola
Milton
Sample Cove
Rowena
Virginia
Jamesway
Mini Mall
Old Trolley Car
Tunnelhill
Forest Convent
Gallitzin
Howell
Franklin
Sugar Run
Bird Eye
Longview
Osborn
Carson Valley
Bear Wallow
Healy
Correction
Kozak
Mardula
Level
Lilly Level
Alba
Coach
Liberty
Ashcroft
Linden
Apple
Country Club
Red Oak
Saint Joseph
Mc Connell
Cooney
Karney
Munster
Galley
Patricks
Admiral Peary
Glass
Criste
Murphy
Cambria Slope
Rubisch
Trout
Tanner
Wilmore
Fairlane
Oreo
Stagers
Bennett
Bopp
Tower
Gates Hill
Wess
Rorabaugh
Myers
Lovell
Barefoot
Clayline
Hurlbrook
Host
Diana
MUNSTER RD
EVERGREEN DR
PORTAGE ST
SR 0053 SH
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422
53
164
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PENNSYLVANIA
Appalachian Corridor M
Sheet 5 of 14
Aug 1, 2007
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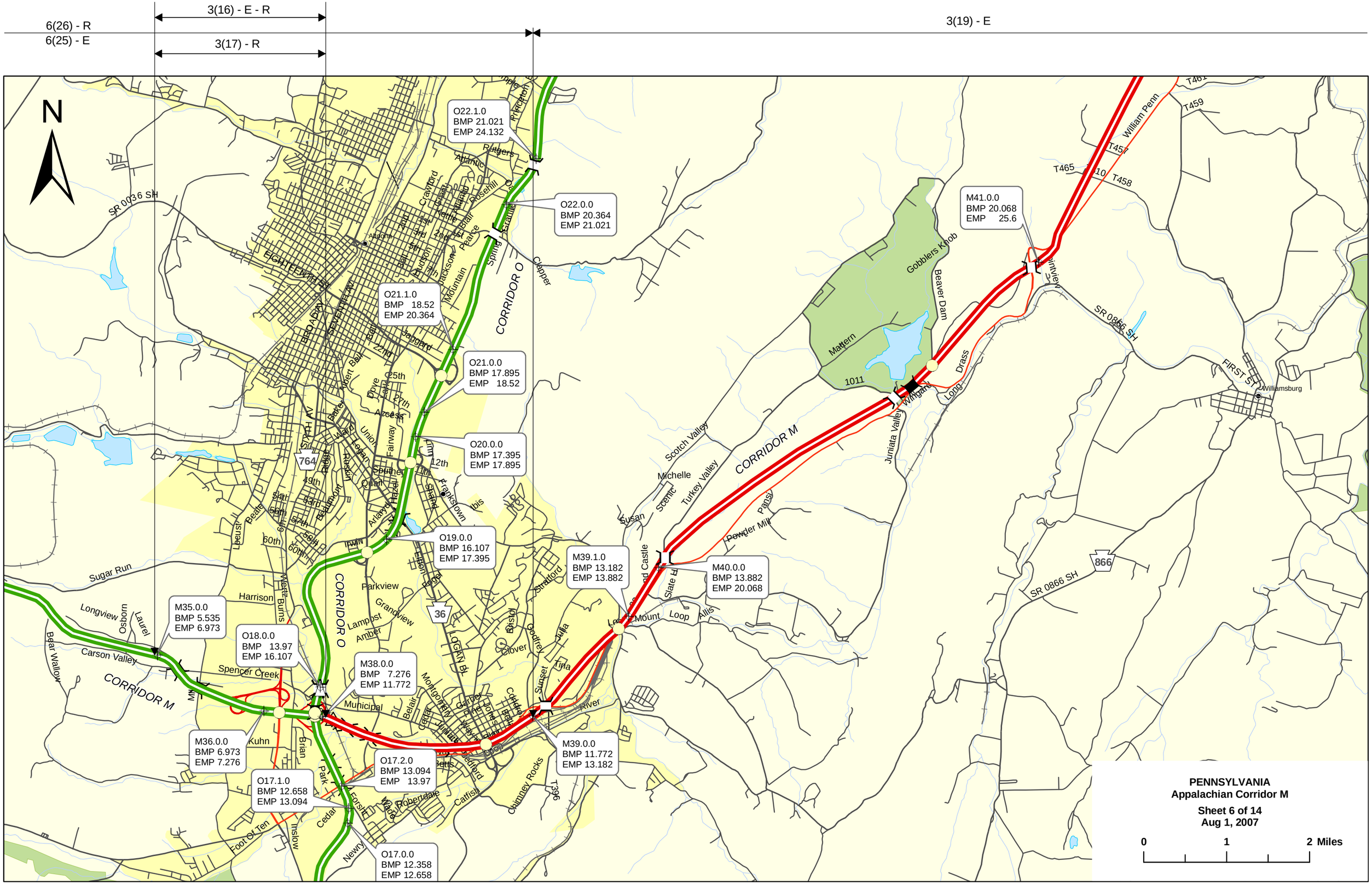
1
2 Miles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CORRIDOR M
SR 0036 SH
SR 0866 SH
764
36
866
Williamsburg
Altoona
Gobblers Knob
Beaver Dam
Mattern
William Penn
Juniata Valley
Scotch Valley
Turkey Valley
Michelle
Susan
Scenic
Powder Mill
Pansy
Sugar Run
Longview
Osborn
Laurel
Bear Wallow
Carson Valley
Spencer Creek
Harrison
Parkview
Grandview
Lamport
Amber
Muncipal
Kuhn
Brian
Park
Forest
Cedar
Newry
Foot Of Ten
Inslow
Robendale
Catfish
Chimney Rocks
Mount
Loop
Allis
Slate Hill
Sunset
River
Clover
Godfrey
Julia
Tina
Stratford
Bristol
Logan Bl
Montgomery
Belair
Bedford
Spring
Clapper
Pearce
Jackson
Mountain
Hudson
Jaggard
Rosehill
Rutgers
Atlantic
Princeton
Crawford
Dove
Fairway
Southey
Frankstown
Ibis
Shand
Ebon
Fogg
Eighth Av
Seventh Av
Broadway
Sixth St
Beaver
Beltzhoover
Beatty
Leeust
Burns
Wertz
Parker
Union
Logan
Ruskin
Quain
Hazel
Anfanny
Beaumont
Pitt
Fairview
Bell
Albert Bell
Dove
Perth
Access
Jaggard
Pearce
Hudson
Jackson
Mountain
Spring
Clapper
Rutgers
Atlantic
Rosehill
Princeton
Crawford
Dove
Fairway
Southey
Frankstown
Ibis
Shand
Ebon
Fogg
Eighth Av
Seventh Av
Broadway
Sixth St
Beaver
Beltzhoover
Beatty
Leeust
Burns
Wertz
Parker
Union
Logan
Ruskin
Quain
Hazel
Anfanny
Beaumont
Pitt
Fairview
Bell
Albert Bell
Perth
Access
Jaggard
Harrison
Parkview
Grandview
Lamport
Amber
Muncipal
Kuhn
Brian
Park
Forest
Cedar
Newry
Foot Of Ten
Inslow
Robendale
Catfish
Chimney Rocks
Mount
Loop
Allis
Slate Hill
Sunset
River
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Godfrey
Julia
Tina
Stratford
Bristol
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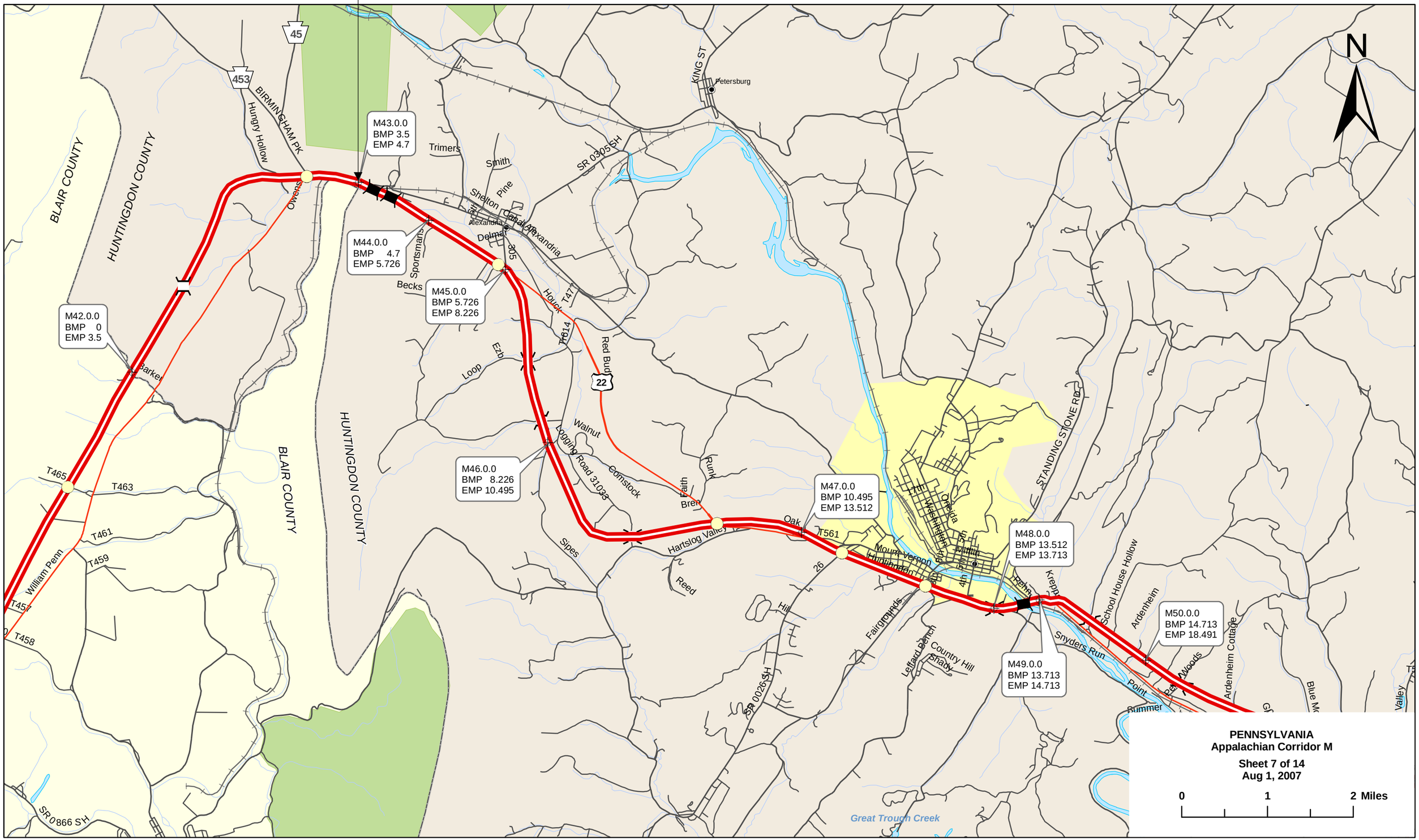
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HUNTINGDON COUNTY
BLAIR COUNTY
HUNTINGDON COUNTY
45
453
22
26
305
BIRMINGHAM PK
Hungry Hollow
Owens
Trimers
Smith
Pine
Shelton
Alexandria
Canal
Alexandria
Delmar
Sportsmans
Becks
Houck
T477
T614
Red Bud
Ezb
Loop
Walnut
Logging Road 31033
Comstock
Bren
Faith
Runk
Sipes
Reed
Hartslog Valley
Oak
T561
Hill
Fairgrounds
Leffard Branch
Country Hill
Shady
SR 0026 SH
SR 0305 SH
KING ST
Petersburg
STANDING STONE RD
Orbisonia
Mount Vernon
Huntingdon
Mill Hall
Rehm
Krepps
Snyders Run
School House Hollow
Ardenheim
Ardenheim Cottage
Woods
Point
Summer
Blue Mo
Great Trough Creek
T465
T463
T461
T459
T457
T458
William Penn
Barker
SR 0866 SH
PENNSYLVANIA
Appalachian Corridor M
Sheet 7 of 14
Aug 1, 2007
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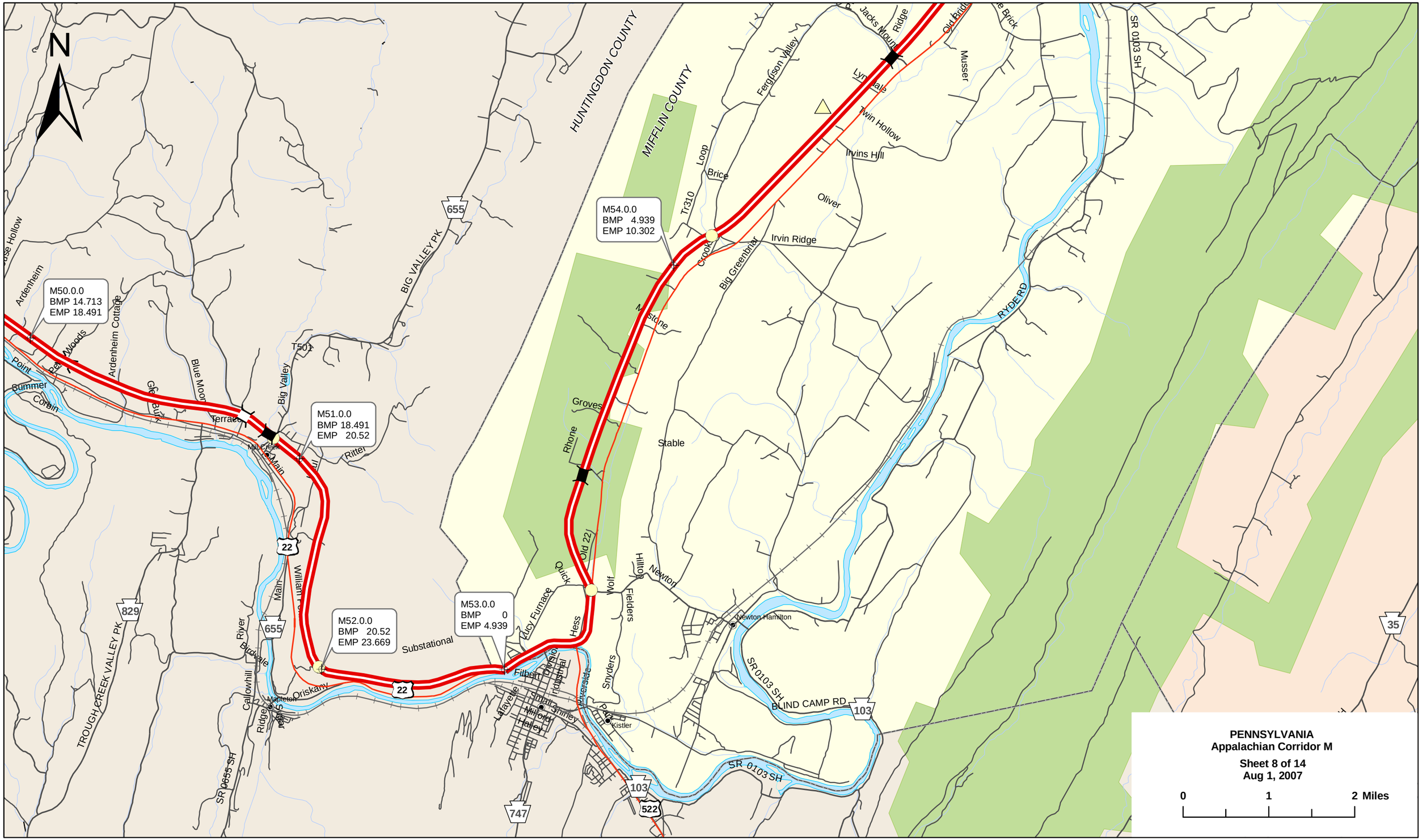
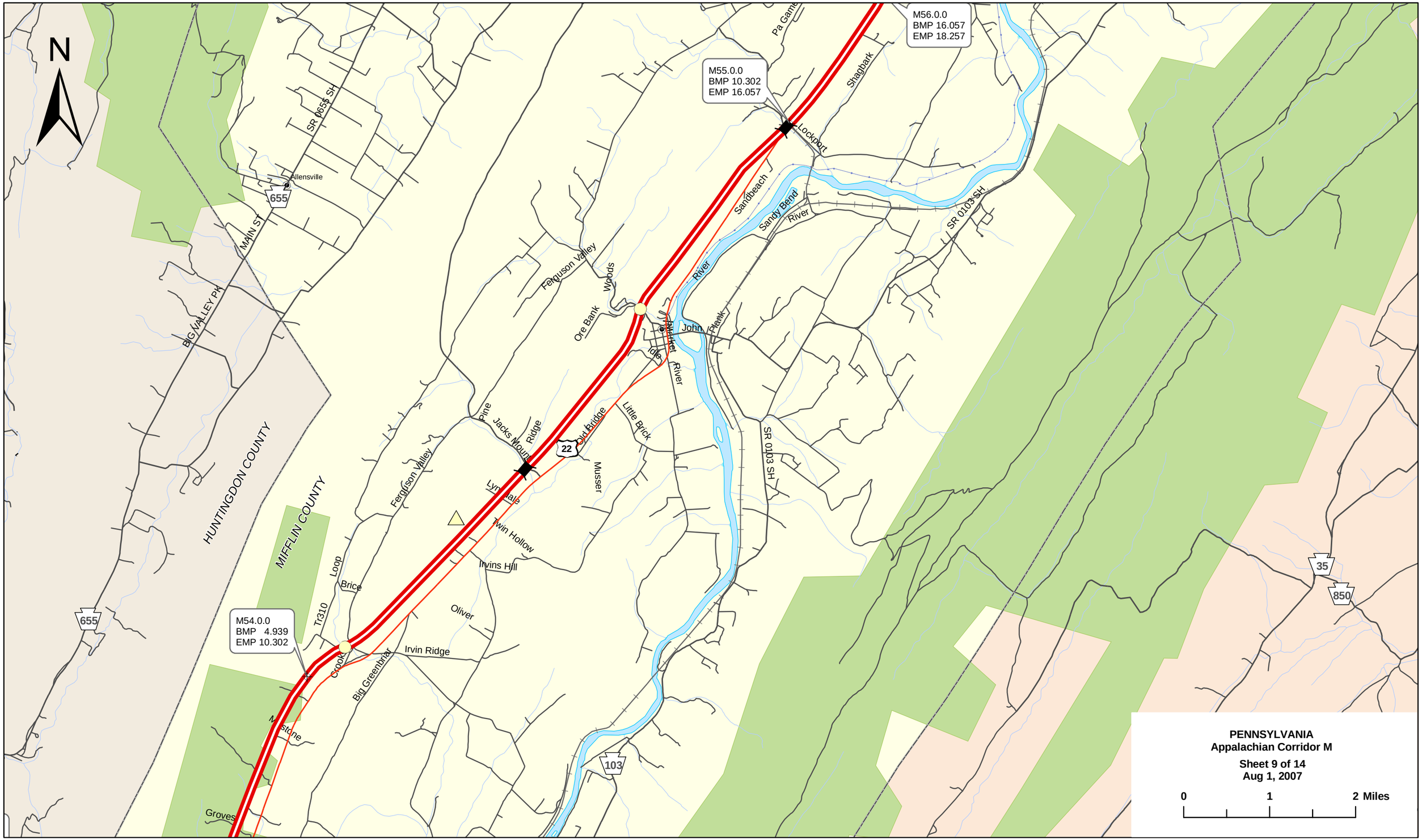
1
2 Miles



PENNSYLVANIA
Appalachian Corridor M

Sheet 8 of 14
Aug 1, 2007

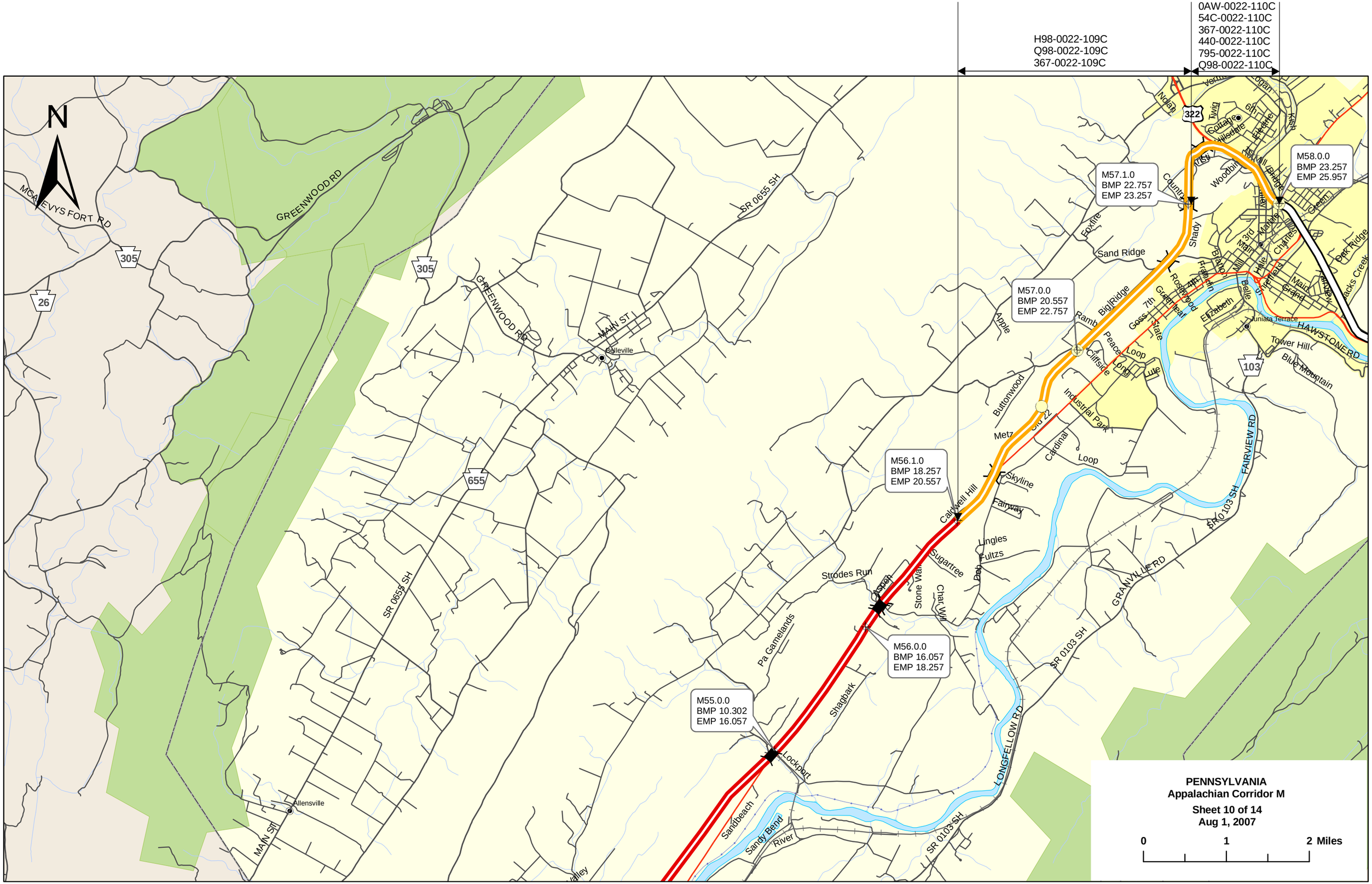
0 1 2 Miles



PENNSYLVANIA
Appalachian Corridor M

Sheet 9 of 14
Aug 1, 2007

0 1 2 Miles



PENNSYLVANIA
Appalachian Corridor M

Sheet 10 of 14
Aug 1, 2007

0 1 2 Miles

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H98-0362-109C 54H-0362-103C
54G-0362-109C 54G-0362-103C
Q92-0362-109C Q98-0362-103C

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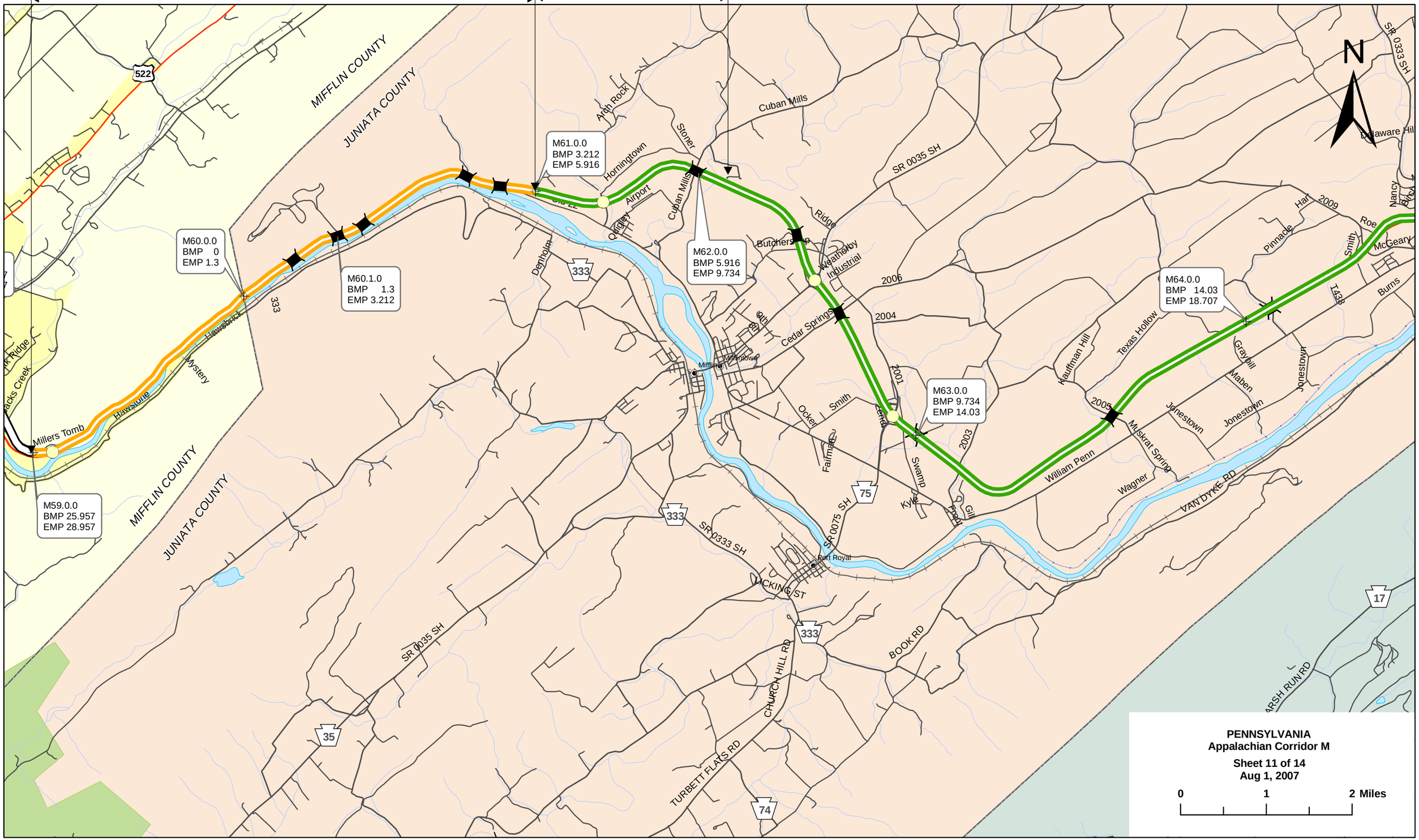

PENNSYLVANIA
Appalachian Corridor M

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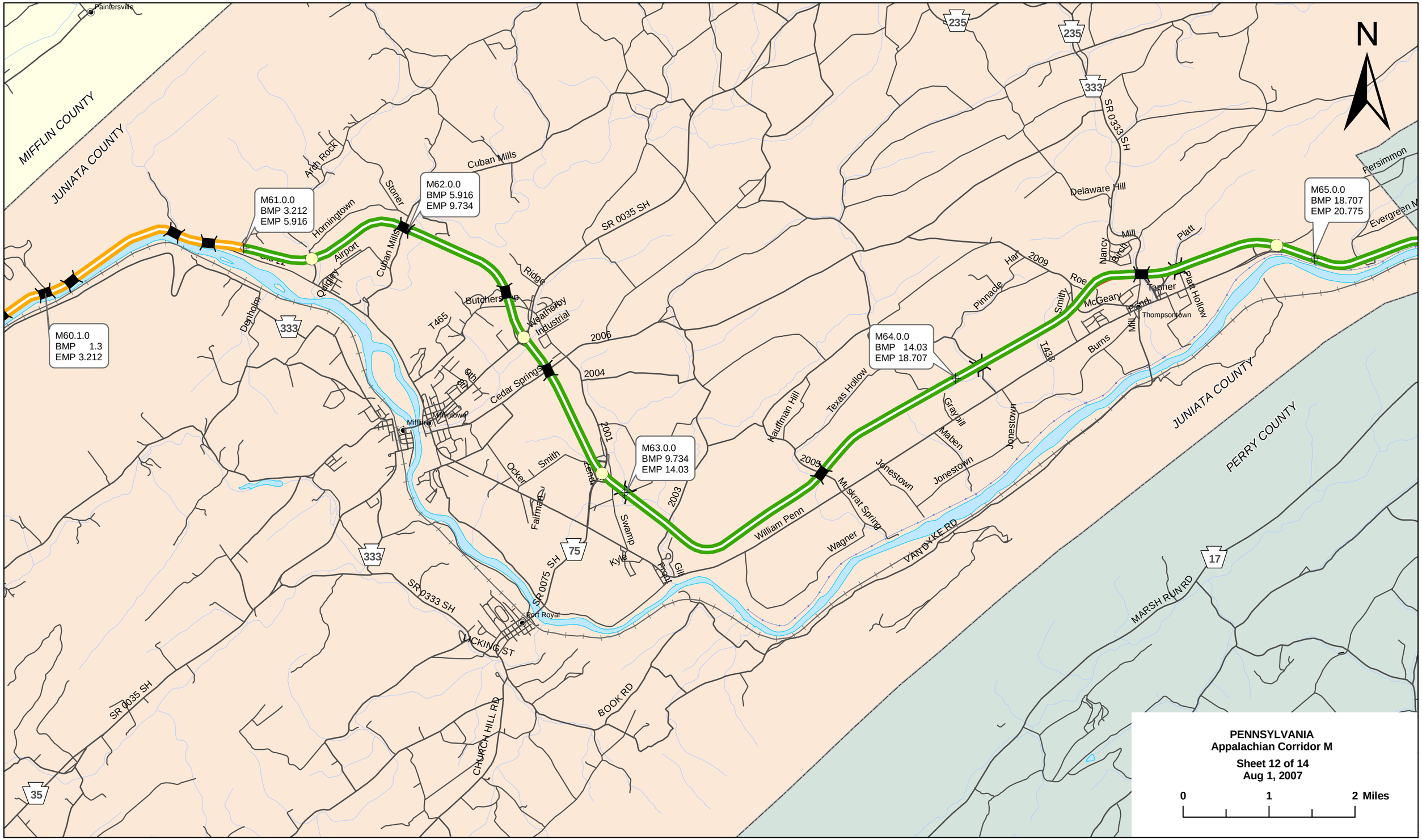
0 1 2 Miles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MIFFLIN COUNTY
JUNIATA COUNTY
PERRY COUNTY
Paintersville
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EMP 3.212
M61.0.0
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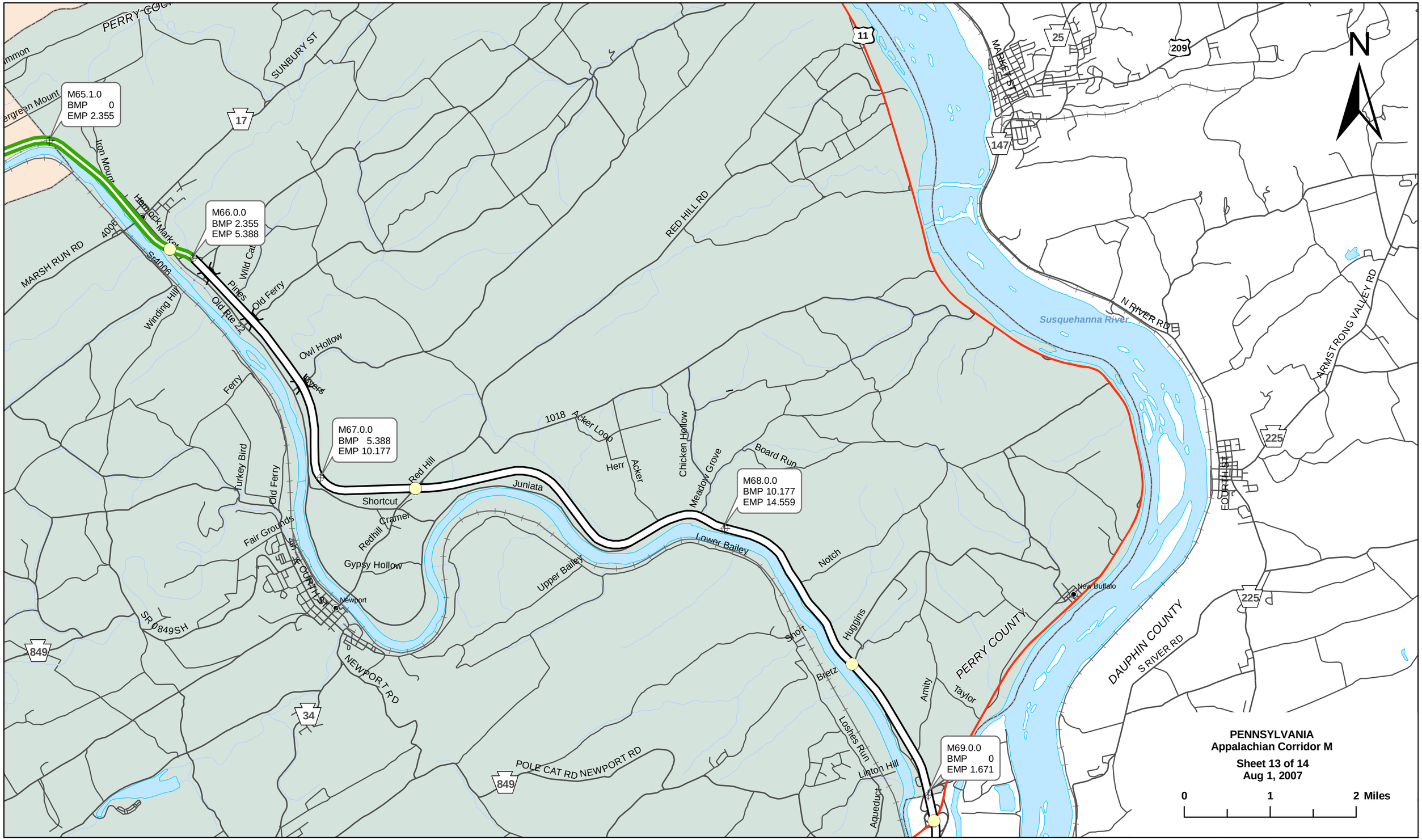
EMP 5.916
M62.0.0
BMP 5.916
EMP 9.734
M63.0.0
BMP 9.734
EMP 14.03
M64.0.0
BMP 14.03
EMP 18.707
M65.0.0
BMP 18.707
EMP 20.775
Arch Rock
Hornington
Airport
Stoner
Cuban Mills
Quigley
Dentholm
Ridge
Butchers Sp
Weatherby Industrial
Cedar Springs
Mifflin
Mifflintown
Ocker
Smith
Fairmount
Swamp
Kyle
Fenn
Gill
Frost
Fort Royal
LICKING ST
CHURCH HILL RD
BOOK RD
SR 0035 SH
SR 0075 SH
SR 0333 SH
T465
2001
2003
2004
2005
2006
2009
William Penn
Kauffman Hill
Texas Hollow
Muskrat Spring
Wagner
Jonestown
Maben
Graybill
Pinnacle
Hart
Roe
McGeary
Burns
T438
Nancy
Mill
Birch
Platt
Platt Hollow
Tanner
Thompsontown
Delaware Hill
VANDYKE RD
MARSH RUN RD
Persimmon
Evergreen M
235
333
75
17
35
PENNSYLVANIA
Appalachian Corridor M
Sheet 12 of 14
Aug 1, 2007
0
1
2 Miles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PERRY COUNTY
DAUPHIN COUNTY
Susquehanna River
Newport
New Buffalo
MARKET ST
FOURTH ST
SUNBURY ST
RED HILL RD
MARSH RUN RD
N RIVER RD
S RIVER RD
ARMSTRONG VALLEY RD
NEWPORT RD
POLE CAT RD NEWPORT RD
SR 0849SH
Hemlock Market
Winding Hill
Old Rte 22
Old Ferry
Owl Hollow
Ferry
Turkey Bird
Red Hill
Shortcut
Juniata
Cramer
Redhill
Gypsy Hollow
Fair Grounds
Upper Bailey
Lower Bailey
1018 Acker Loop
Herr
Acker
Chicken Hollow
Meadow Grove
Board Run
Notch
Huggins
Short
Brietz
Loshes Run
Linton Hill
Aqueduct
Amity
Taylor
N
PENNSYLVANIA
Appalachian Corridor M
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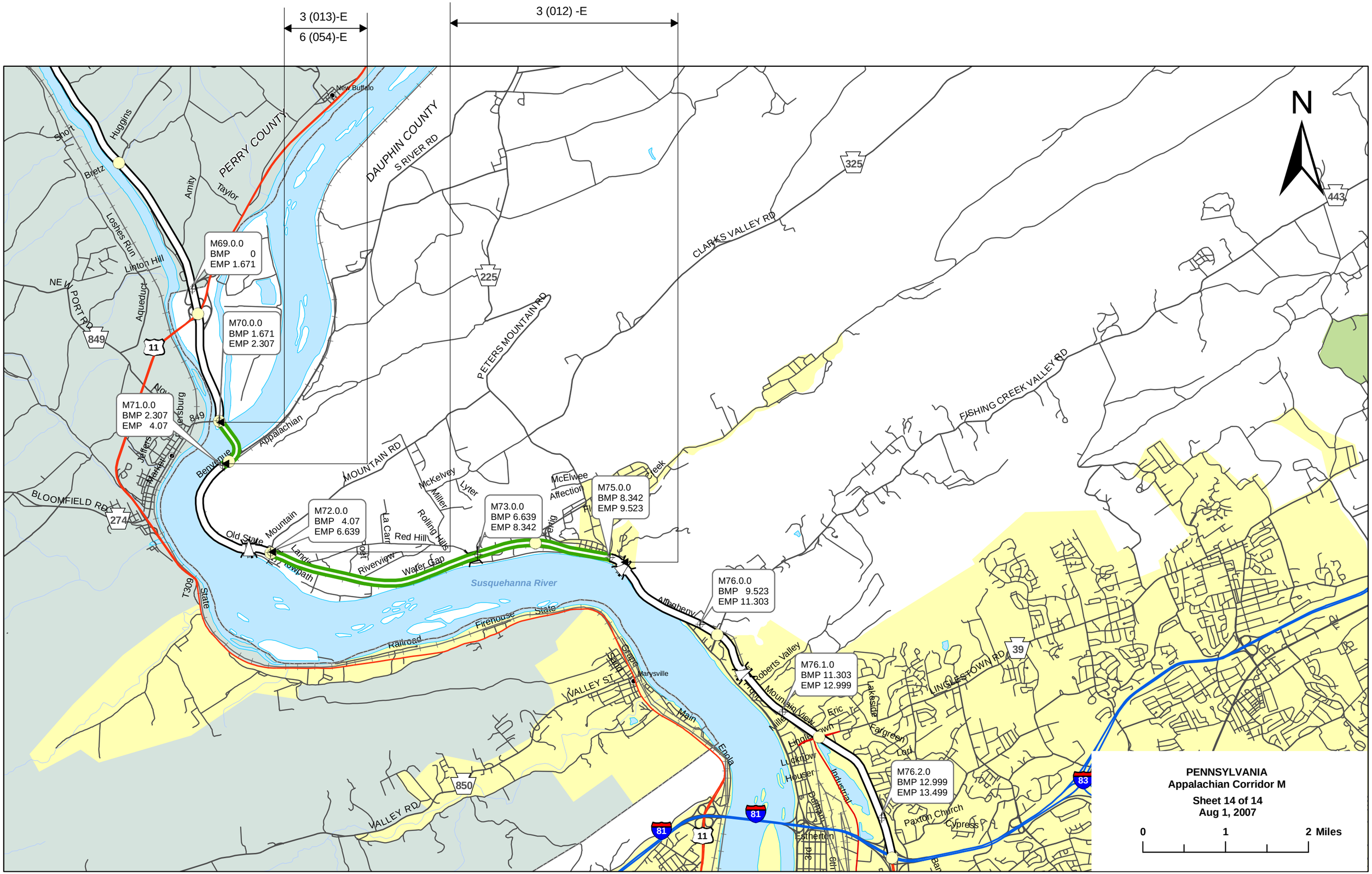
1
2 Miles


3 (013)-E
6 (054)-E
3 (012) -E
N
PERRY COUNTY
DAUPHIN COUNTY
New Buffalo
S RIVER RD
CLARKS VALLEY RD
PETERS MOUNTAIN RD
FISHING CREEK VALLEY RD
MOUNTAIN RD
BLOOMFIELD RD
NE W PORT RD
VALLEY ST
VALLEY RD
LINGLESTOWN RD
Susquehanna River
Marysville
Paxton Church
Cypress
M69.0.0
BMP 0
EMP 1.671
M70.0.0
BMP 1.671
EMP 2.307
M71.0.0
BMP 2.307
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EMP 13.499
PENNSYLVANIA
Appalachian Corridor M
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Aug 1, 2007
0
1
2 Miles

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: N

Section ID	**N01.0.0**	**N02.0.0**	**N03.0.0**	**N04.0.0**	**N05.0.0**	**N06.0.0**
LRS Milepoint: Beginning/Ending	**0.000/2.390**	**2.390/4.330**	**4.330/9.530**	**9.530/16.690**	**16.690/20.550**	**25.140/25.140**
Status	**Location Study**	**Location Study**	**Completed**	**Location Study**	**Location Study**	**Location Study**
1. Finance Code	23	23	20	23	23	23
2. Section Length(Miles)	3.2	3.8	4.2	3.8	2.2	2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/111/09	42/111/09	42/111/09	42/111/09	42/111/09	42/111/09
---- *b. HPMS Route/Subroute*	0000550219/00	0000550219/00	0000550219/00	0000550219/00	0000550219/00	0000550219/00
---- *c. HPMS Signed Route/Strip Map #*	00000US219/N1	00000US219/N1	00000US219/N1	00000US219/N1	00000US219/N2	00000US219/N2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	4,250	4,250	4,296	4,644	1,464	1,464
---- *b. ADT-Year 2015*	5,180	5,180	5,238	5,661	1,785	1,785
---- *c. Design Year*	2,025	2,025	1,996	2,035	2,035	2,035
---- *d. ADT-Design Year*	5,400	5,400	7,600	6,581	2,075	2,075
---- *e. DHV-Design Year*	595	595	760	658	208	208
---- *f. % Truck Design Year(DHV)*	11	11	8	5	17	17
---- *g. % Truck Design Year(ADT)*	14	14	12	9	24	24
---- *h. Directional Distribution Factor*	55	55	60	55	60	60
8. Number of Lanes to be Constructed this Estimate	4	4	0	4	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-9/Full	R-9/Full	R-8/Full	R-8/Full	R-9/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	400	400	542	542	400	520
12. Median Width(ft), prevailing	60	60	84	36	36	36
13. Status of Development(Figure 4)	5a3	5a3	1a	5a2	5a2	5a2

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	3,561	4,229	0	4,229	2,449	2,226
15. Right-of-Way:						
---- *a. Acquisition*	2,604	3,092	0	3,092	1,790	1,627
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	384	457	0	457	264	240
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	50,496	59,964	0	59,964	34,716	31,560
27. Subtotal(lines 17 thru 26)	**50,496**	**59,964**	**0**	**59,964**	**34,716**	**31,560**
28. Construction Engineering(9.64500000% of line 27)	**4,870**	**5,784**	**0**	**5,784**	**3,348**	**3,044**
29. Total Cost of Construction(lines 27 & 28)	**55,366**	**65,748**	**0**	**65,748**	**38,064**	**34,604**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**65,011**	**77,202**	**0**	**77,202**	**44,696**	**40,632**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: N

Section ID	**N07.0.0**	**N08.0.0**	**N10.0.0**	**N11.0.0**	**N12.0.0**	**N13.0.0**
LRS Milepoint: Beginning/Ending	**25.140/26.450**	**26.450/29.990**	**29.990/32.650**	**32.650/33.770**	**33.770/38.570**	**38.570/43.990**
Status	**Location Study**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	23	20	20	20	20	20
2. Section Length(Miles)	3.4	3.6	2.7	0.9	5	5.4
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/111/09	42/111/09	42/111/09	42/111/12	42/111/12	42/111/12
---- *b. HPMS Route/Subroute*	0000550219/00	0000550219/00	0000550219/00	0000550219/01	0000550219/01	0000550219/01
---- *c. HPMS Signed Route/Strip Map #*	00000US219/N2	00000US219/N2	00000US219/N2	00000US219/N2	00000US219/N2	00000US219/N3
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	7,216	11,104	5,129	8,006	8,006	9,872
---- *b. ADT-Year 2015*	8,795	13,538	6,252	9,759	9,759	12,034
---- *c. Design Year*	2,035	1,990	1,991	1,987	1,987	1,987
---- *d. ADT-Design Year*	10,225	5,500	9,000	9,800	9,800	9,800
---- *e. DHV-Design Year*	1,023	550	900	980	980	980
---- *f. % Truck Design Year(DHV)*	4	8	8	8	8	8
---- *g. % Truck Design Year(ADT)*	7	12	12	14	14	14
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	4	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-9/Full	R-9/Full	R-9/Full	R-1/Full	R-1/Full	R-1/Full
11. Right-of-Way Width(ft), prevailing	400	400	464	384	384	400
12. Median Width(ft), prevailing	36	84	84	84	84	84
13. Status of Development(Figure 4)	5a2	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	3,789	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	2,766	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	408	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	53,652	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**53,652**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**5,175**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**58,827**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**69,079**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: N

Section ID	**N14.0.0**	**N15.0.0**	**N16.0.0**	**N17.0.0**	**N17.1.0**	**N18.0.0**
LRS Milepoint: Beginning/Ending	**43.990/46.630**	**46.630/49.720**	**49.720/50.160**	**0.000/0.930**	**0.930/2.120**	**2.120/2.880**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**NP**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.3	3.7	0.3	1.4	0.9	1
3. Class/Urban Code	R/0	R/0	R/0	R/0	U/4010	U/4010
4. Location:						
---- *a. FIPS State/County/Congressional*	42/111/12	42/111/12	42/111/12	42/021/12	42/021/12	42/021/12
---- *b. HPMS Route/Subroute*	0000550219/01	0000550219/01	0000550219/01	0000110219/00	0000110219/00	0000110219/00
---- *c. HPMS Signed Route/Strip Map #*	00000US219/N3	00000US219/N3	00000US219/N4	00000US219/N4	00000US219/N4	00000US219/N4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	2/NHS
6. Design Speed(mph)	70	70	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	9,520	11,534	12,987	12,987	12,987	23,382
---- *b. ADT-Year 2015*	11,605	14,060	15,832	15,831	15,831	28,503
---- *c. Design Year*	1,987	1,987	1,987	1,987	1,987	1,975
---- *d. ADT-Design Year*	9,500	9,500	8,600	8,600	8,600	8,600
---- *e. DHV-Design Year*	950	950	860	860	860	860
---- *f. % Truck Design Year(DHV)*	8	8	8	8	8	8
---- *g. % Truck Design Year(ADT)*	14	14	14	14	14	14
---- *h. Directional Distribution Factor*	60	54	54	54	54	54
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-1/Full	R-1/Full	R-1/Full	R-1/Full	R-1/Full	R-1/Full
11. Right-of-Way Width(ft), prevailing	395	360	310	450	260	260
12. Median Width(ft), prevailing	84	84	12	36	30	30
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	np

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: N

Section ID	**N18.1.0**	**N19.0.0**	**N20.0.0**	**N21.0.0**
LRS Milepoint: Beginning/Ending	**2.880/3.960**	**3.960/8.970**	**8.970/12.130**	**12.130/17.840**
Status	**NP**	**NP**	**Completed**	**NP**
1. Finance Code	20	20	20	20
2. Section Length(Miles)	1.2	5.6	3.1	5.9
3. Class/Urban Code	R/0	R/0	R/0	R/0
4. Location:				
---- *a. FIPS State/County/Congressional*	42/021/12	42/021/12	42/021/12	42/021/12
---- *b. HPMS Route/Subroute*	0000110219/00	0000110219/00	0000110219/00	0000110219/00
---- *c. HPMS Signed Route/Strip Map #*	00000US219/N4	00000US219/N4	00000US219/N4	00000US219/N4
5. Estimate Section/NHS Designation	2/NHS	2/NHS	1/NHS	2/NHS
6. Design Speed(mph)	60	60	60	60
7. Traffic:				
---- *a. ADT-Base Year (2005)*	28,631	21,266	15,660	11,077
---- *b. ADT-Year 2015*	34,901	25,923	19,089	13,503
---- *c. Design Year*	1,975	1,975	1,975	1,975
---- *d. ADT-Design Year*	14,300	9,000	9,400	10,500
---- *e. DHV-Design Year*	1,430	900	940	1,100
---- *f. % Truck Design Year(DHV)*	5	5	5	8
---- *g. % Truck Design Year(ADT)*	10	10	10	12
---- *h. Directional Distribution Factor*	54	55	55	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-4/Full	R-4/Full	R-4/Full	R-2/Full
11. Right-of-Way Width(ft), prevailing	190	360	350	370
12. Median Width(ft), prevailing	20	100	8	25
13. Status of Development(Figure 4)	np	np	1a	np

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:				
---- *a. Location*	0	0	0	0
---- *b. Design*	0	0	0	0
15. Right-of-Way:				
---- *a. Acquisition*	0	0	0	0
---- *b. Relocation*	0	0	0	0
16. Utility Adjustments	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0
21. Interchanges	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0
23. Traffic Control	0	0	0	0
24. Environmental Mitigation	0	0	0	0
25. Roadside Improvements:				
---- *a. Landscape Planting*	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0
26. All Other Items	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**

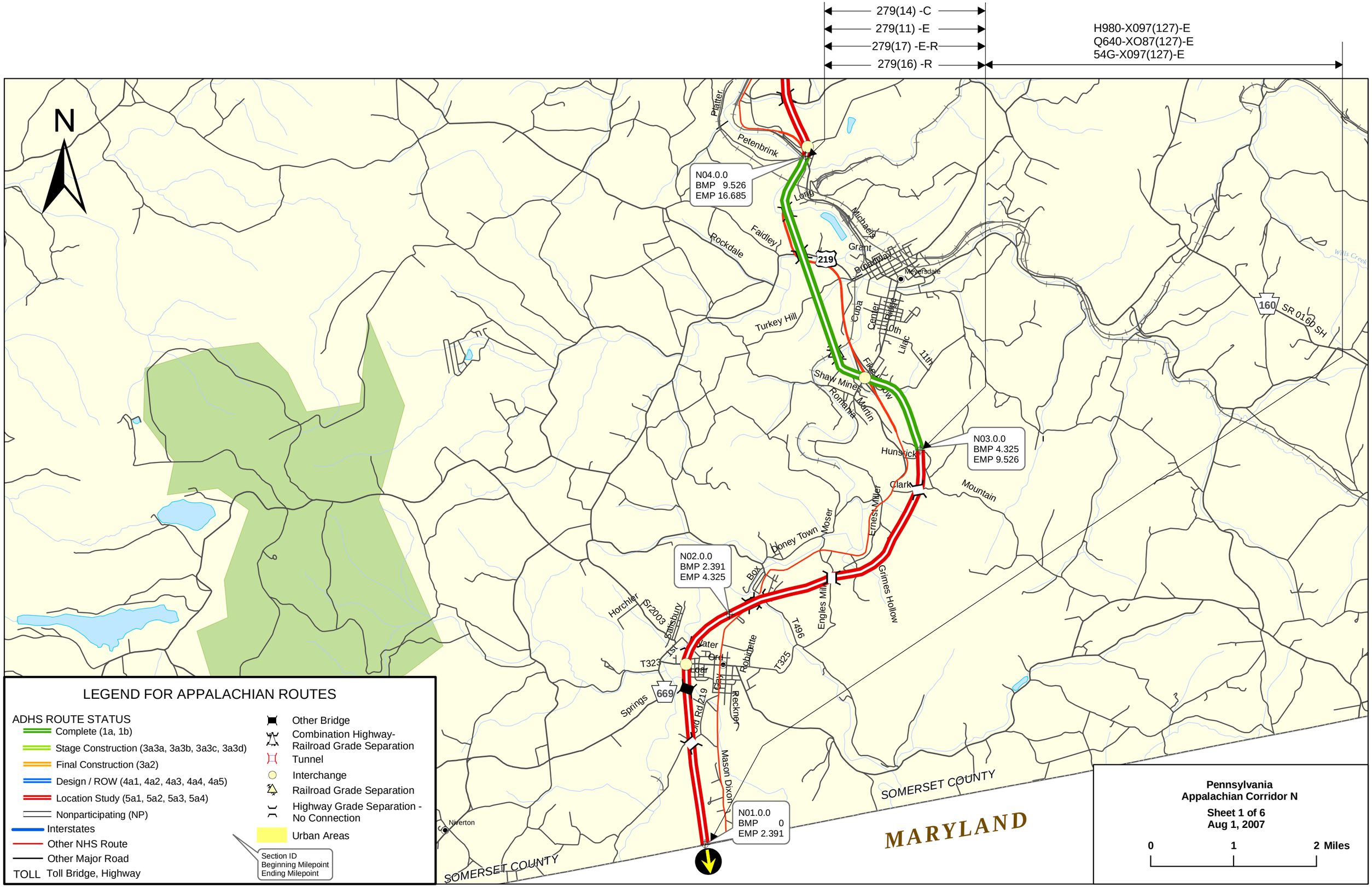
2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: N

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	65.60	63.70	1.90
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	20,483	20,483	0
15. Right-of-Way:			
---- *a. Acquisition*	14,971	14,971	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	2,210	2,210	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0
23. Traffic Control	0	0	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	290,352	290,352	0
27. Subtotal(lines 17 thru 26)	290,352	290,352	0
28. Construction Engineering(9.64500000% of line 27)	28,004	28,004	0
29. Total Cost of Construction(lines 27 & 28)	318,356	318,356	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	373,821	373,821	0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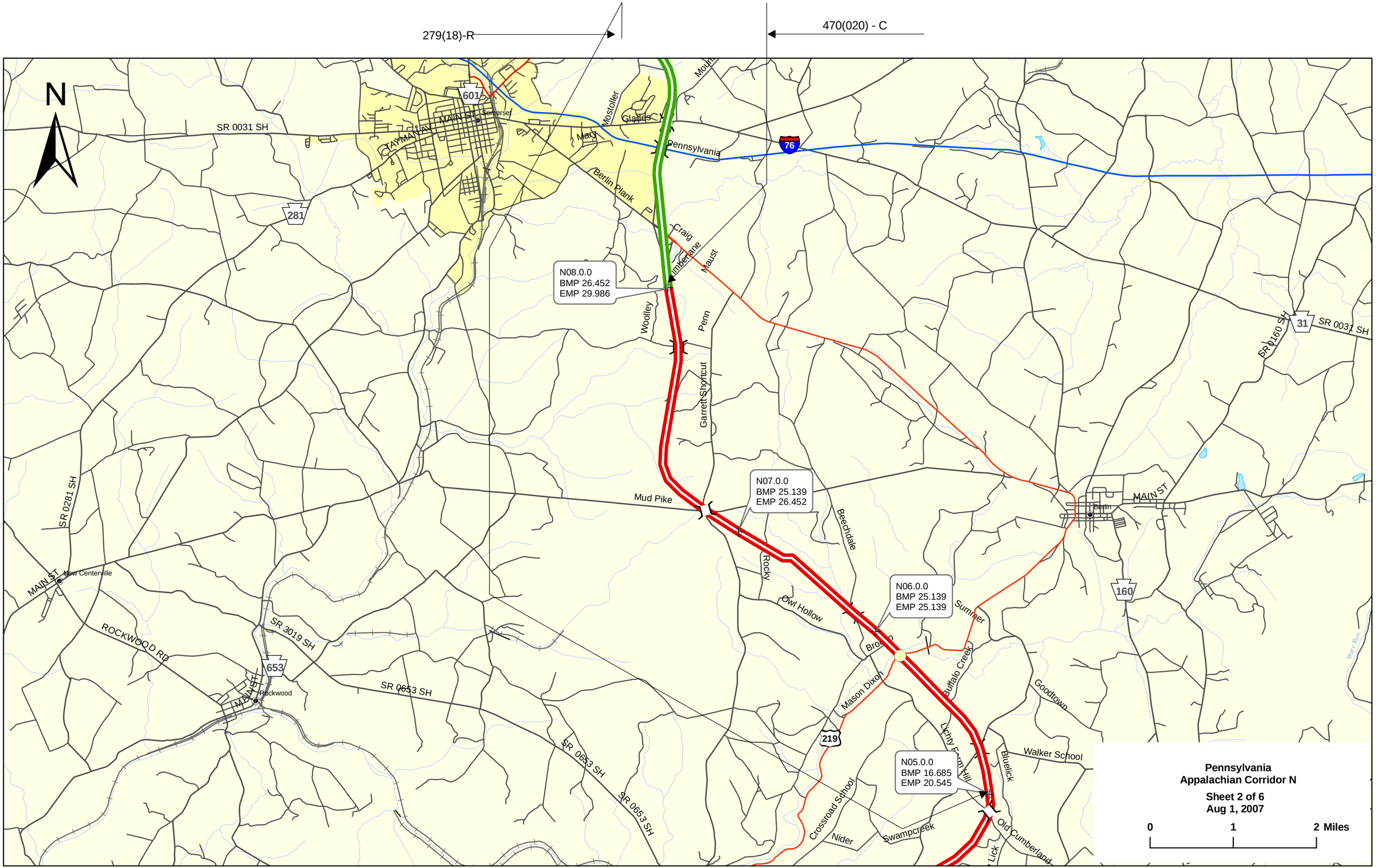
Platter
Petenbrink
Long
Michaels
Grant
Rockdale
Faidley
219
Meyersdale
Cuba
Center
Lilac
10th
11th
Turkey Hill
Shaw Mines
Romana
Martin
Hunsrick
Clark
Mountain
Ernest Miller
Moser
Honey Town
Box
Grimes Hollow
Engles Mill
T496
Horchler
St 2003
Salisbury
1st
Water
Ord
Cedar
T323
Robinette
T325
Springs
669
Old Rd 219
Reckner
Mason Dixon
Niverton
SOMERSET COUNTY
MARYLAND
160
SR 0160 SH
Wills Creek
LEGEND FOR APPALACHIAN ROUTES
ADHS ROUTE STATUS
Complete (1a, 1b)
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
Final Construction (3a2)
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
Location Study (5a1, 5a2, 5a3, 5a4)
Nonparticipating (NP)
Interstates
Other NHS Route
Other Major Road
TOLL Toll Bridge, Highway
Other Bridge
Combination Highway-Railroad Grade Separation
Tunnel
Interchange
Railroad Grade Separation
Highway Grade Separation - No Connection
Urban Areas
Section ID
Beginning Milepoint
Ending Milepoint
Pennsylvania
Appalachian Corridor N
Sheet 1 of 6
Aug 1, 2007
0
1
2 Miles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N
SR 0031 SH
601
MAIN ST
Somerset
TAYMAN
Mostoller
Glades
Mary
Pennsylvania
76
Berlin Plank
281
Craig
Imber Lane
Maust
N08.0.0
BMP 26.452
EMP 29.986
Woolley
Penn
Garrett Shortcut
31
SR 0031 SH
SR 0160 SH
SR 0281 SH
Mud Pike
N07.0.0
BMP 25.139
EMP 26.452
Beechdale
Berlin
MAIN ST
Rocky
MAIN ST
New Centerville
Owl Hollow
N06.0.0
BMP 25.139
EMP 25.139
Summer
160
ROCKWOOD RD
SR 3019 SH
653
MAIN ST
Rockwood
SR 0653 SH
Mason Dixon
Buffalo Creek
Goodtown
219
Lichty Farm Hill
Walker School
Bluelick
N05.0.0
BMP 16.685
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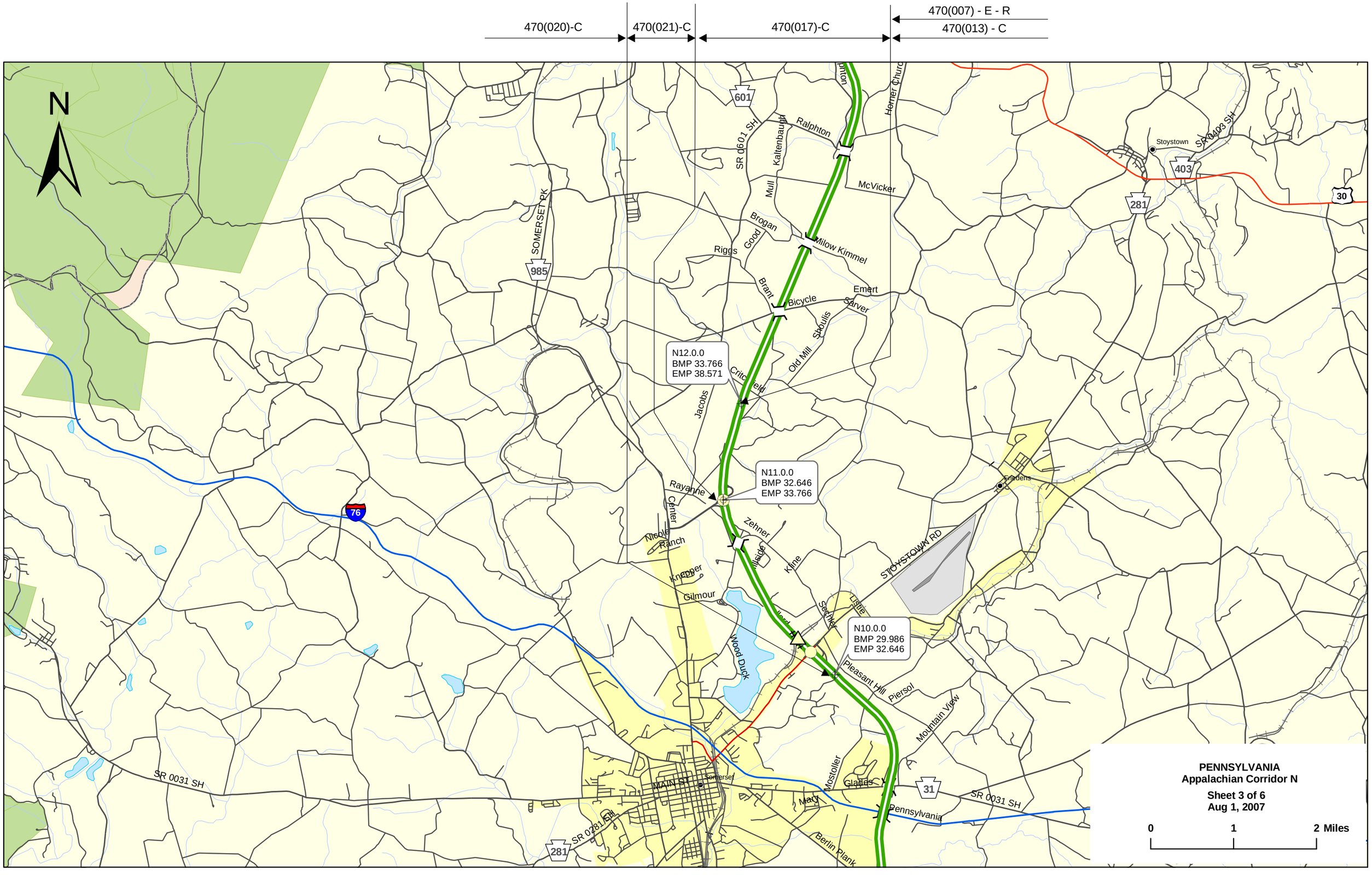
Crossroad School
Nider
Swampcreek
Old Cumberland
Pennsylvania
Appalachian Corridor N
Sheet 2 of 6
Aug 1, 2007
0
1
2 Miles


470(020)-C
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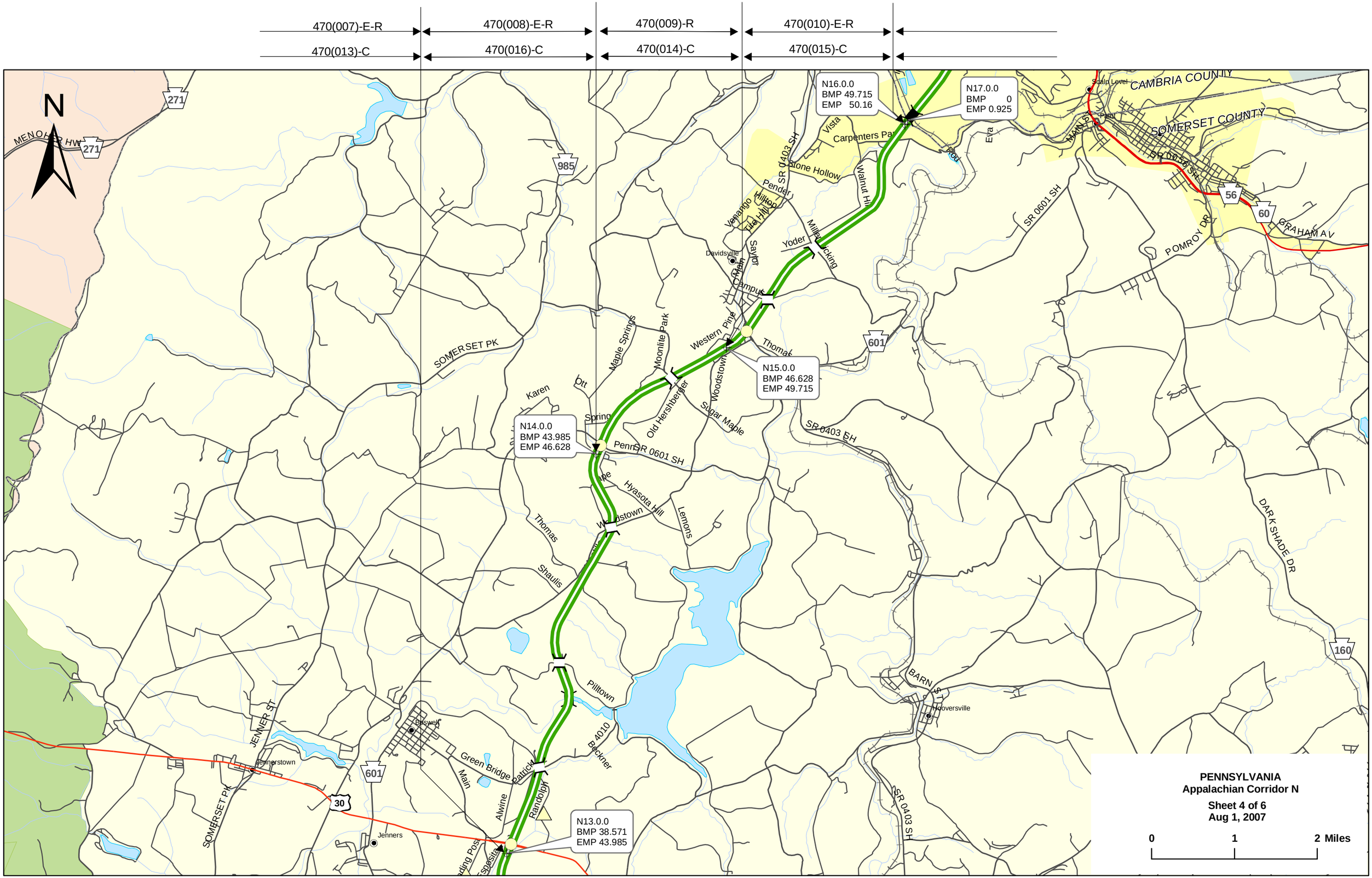
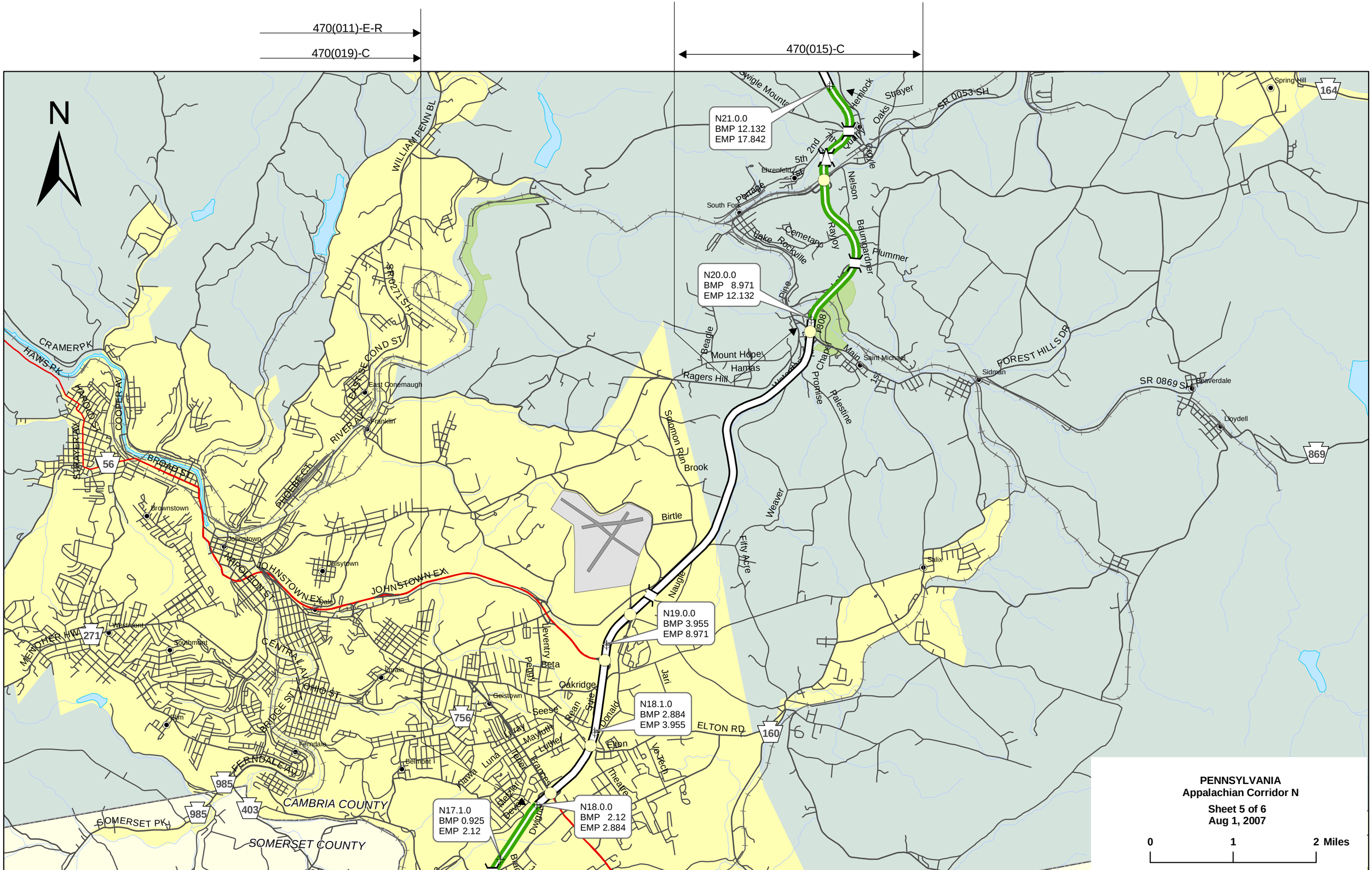
470(017)-C
470(007) - E - R
470(013) - C
N
601
SR 0601 SH
Kaltenbaugh
Ralphton
Horner Church
Stoystown
SR 0403 SH
403
281
30
McVicker
Mull
Brogan
Good
Riggs
Milow Kimmel
SOMERSET PK
985
Brant
Bicycle
Emert
Sarver
Sboulis
Old Mill
Critchfield
Jacobs
N12.0.0
BMP 33.766
EMP 38.571
N11.0.0
BMP 32.646
EMP 33.766
Rayanne
Center
Nicole
Ranch
Zehner
Kline
Knepper
Gilmour
STOYSTOWN RD
Friedens
Seelye
Lisle
N10.0.0
BMP 29.986
EMP 32.646
Wood Duck
Pleasant Hill
Piersol
Mountain View
76
SR 0031 SH
MAIN ST
Somerset
Mostoller
Glades
Mary
Pennsylvania
31
SR 0281 SH
Berlin Plank
PENNSYLVANIA
Appalachian Corridor N
Sheet 3 of 6
Aug 1, 2007
0
1
2 Miles



PENNSYLVANIA
Appalachian Corridor N

Sheet 4 of 6
Aug 1, 2007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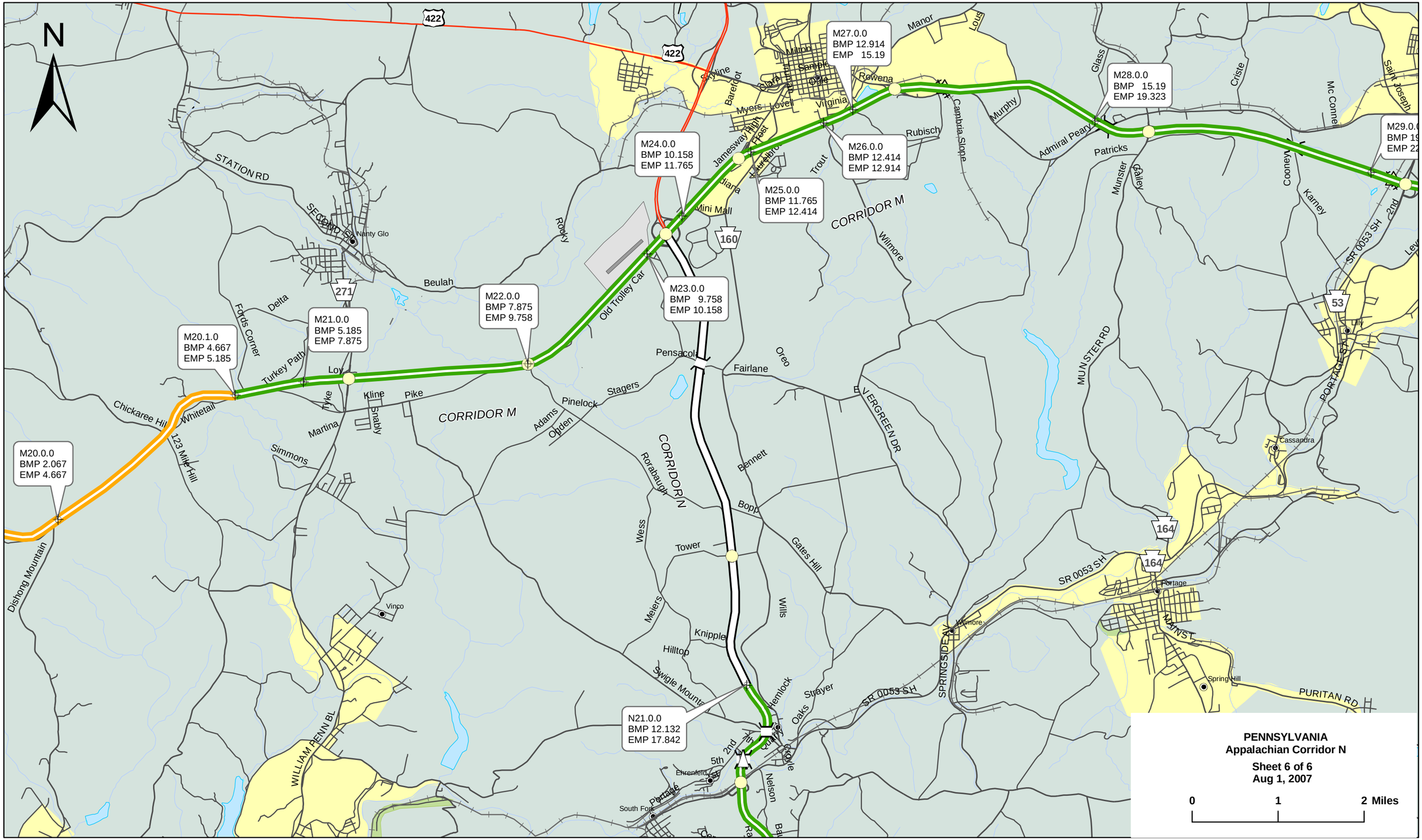
EMP 8.971
N18.1.0
BMP 2.884
EMP 3.955
N18.0.0
BMP 2.12
EMP 2.884
N17.1.0
BMP 0.925
EMP 2.12
WILLIAM PENN BL
CRAMER PK
HAWS PK
COOPER AV
BROAD ST
JOHNSTOWN EX
CENTRAL AV
OHIO ST
BRIDGE ST
FERNDALE AV
SOMERSET PK
CAMBRIA COUNTY
SOMERSET COUNTY
ELTON RD
FOREST HILLS DR
SR 0869 SH
SR 0053 SH
Spring Hill
Brownstown
Johnstown
Daisytown
Dale
Westmont
Southmont
Elm
Ferndale
Bellmont
Geistown
Lorain
Oakridge
Elton
Salix
Lloydell
Beaverdale
Sidman
Saint Michael
Mount Hope
Hamas
Ragers Hill
South Fork
Ehrenfeld
East Conemaugh
Franklin
Birtle
Naugle
Beta
Seese
Lilley
Mayloth
Luna
Jari
Weaver
Fifty Acre
Solomon Run
Brook
Palestine
Promise
Chapel
Main
Nelson
Plummer
Baumgardner
Rayloy
Cemetary
Lake Rockville
Pine
Beagle
Strayer
Oaks
Hemlock
Dwight
Donald
Sure
Bean
Peggy
Seventy
Theater
Vo Tech
Mellon
Bevier
Bradley
Franklin
Luna
Lilley
Frances
Mayloth
Lay
Seese
Beta
Oakridge
Elton
Naugle
Jari
Weaver
Fifty Acre
Solomon Run
Brook
Birtle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EMP 15.19
M28.0.0
BMP 15.19
EMP 19.323
M29.0.0
BMP 19
EMP 22
N21.0.0
BMP 12.132
EMP 17.842
CORRIDOR M
CORRIDOR N
STATION RD
SECOND ST
Nanty Glo
Beulah
Delta
Fords Corner
Turkey Path
Chickaree Hill
Whitetail
123 Mile Hill
Dishong Mountain
Tyke
Kline
Pike
Snably
Martina
Simmons
Vinco
Old Trolley Car
Rocky
Mini Mall
Jamesway
Barefoot
Myers
Lover
Virginia
Rowena
Manor
Louis
Rubisch
Cambria Slope
Murphy
Admiral Peary
Patricks
Glass
Criste
Mc Conne
Saint Joseph
Munster
Galley
Cooney
Karney
2nd
SR 0053 SH
Lily
Cassandra
Pensacola
Fairlane
Oreo
Stagers
Pinelock
Adams
Ogden
Rorabaugh
Bennett
Bopp
Tower
Gates Hill
Wess
Meiers
Knipple
Hilltop
Swigle Mountain
Wills
Hemlock
Oaks
Strayer
Nelson
Ehrenfeld
South Fork
Portage
5th
2nd
4th
Wilmore
SPRINGSIDE AV
MUNSTER RD
EVERGREEN DR
MAIN ST
Spring Hill
PURITAN RD
PORTAGE ST
WILLIAM PENN BL
422
271
160
53
164
PENNSYLVANIA
Appalachian Corridor N
Sheet 6 of 6
Aug 1, 2007
0
1
2 Miles

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**O01.0.0**	**O02.0.0**	**O04.0.0**	**O05.0.0**	**O06.0.0**	**O07.0.0**
LRS Milepoint: Beginning/Ending	**0.000/4.140**	**4.140/10.950**	**10.950/13.770**	**13.770/19.260**	**19.260/23.010**	**23.010/24.510**
Status	**NP**	**NP**	**NP**	**NP**	**NP**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	4.2	7.1	2.9	5.3	4.2	1.1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/009/09	42/009/09	42/009/09	42/009/09	42/009/09	42/009/09
---- *b. HPMS Route/Subroute*	0000050220/00	0000050220/00	0000050220/00	0000050220/00	0000050220/00	0000050220/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/O1	00000US220/O1	00000US220/O2	00000US220/O2	00000US220/O2	00000US220/O2
5. Estimate Section/NHS Designation	2/NHS	2/NHS	2/NHS	2/NHS	2/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	3,800	2,658	2,658	3,549	3,799	3,800
---- *b. ADT-Year 2015*	5,900	3,240	3,240	4,326	4,630	4,632
---- *c. Design Year*	2,032	2,032	2,032	2,032	2,032	1,993
---- *d. ADT-Design Year*	5,010	5,010	5,010	6,689	7,160	16,500
---- *e. DHV-Design Year*	501	501	501	669	716	1,650
---- *f. % Truck Design Year(DHV)*	14	14	14	9	7	9
---- *g. % Truck Design Year(ADT)*	19	19	17	17	14	15
---- *h. Directional Distribution Factor*	55	55	55	55	55	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-7/Full	R-9/Full	R-9/Full	R-9/Full	R-13/Full	R-11/Full
11. Right-of-Way Width(ft), prevailing	350	380	380	380	380	360
12. Median Width(ft), prevailing	44	84	84	84	100	10
13. Status of Development(Figure 4)	np	np	np	np	np	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**O08.0.0**	**O09.0.0**	**O11.0.0**	**O12.0.0**	**O14.0.0**	**O15.0.0**
LRS Milepoint: Beginning/Ending	**24.510/26.140**	**0.000/3.500**	**3.500/6.610**	**6.610/14.390**	**0.000/2.900**	**2.900/7.500**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2	3.3	4.3	6.4	2.9	4.9
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/009/09	42/009/09	42/009/09	42/009/09	42/013/09	42/013/09
---- *b. HPMS Route/Subroute*	0000050220/00	0000050099/00	0000050099/00	0000050099/00	0000070099/00	0000070099/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/O3	00000I099/O3	00000I099/O3	00000I099/O3	00000I099/O4	00000I099/O4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	11,612	14,022	8,289	8,289	8,289	8,289
---- *b. ADT-Year 2015*	14,154	17,093	10,104	10,104	10,104	10,104
---- *c. Design Year*	1,996	1,996	1,996	1,999	1,999	1,998
---- *d. ADT-Design Year*	14,900	7,900	7,900	8,400	11,100	11,000
---- *e. DHV-Design Year*	1,490	790	790	840	1,110	1,100
---- *f. % Truck Design Year(DHV)*	10	10	10	10	10	10
---- *g. % Truck Design Year(ADT)*	15	15	15	15	15	15
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-6/Full	R-9/Full	R-9/Full	R-9/Full	R-9/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	390	384	384	480	480	480
12. Median Width(ft), prevailing	84	84	84	200	200	200
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**O16.0.0**	**O17.0.0**	**O17.1.0**	**O17.2.0**	**O18.0.0**	**O19.0.0**
LRS Milepoint: Beginning/Ending	**7.500/12.360**	**12.360/12.660**	**12.660/13.090**	**13.090/13.970**	**13.970/16.110**	**16.110/17.400**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	4.3	0.3	0.4	1	2.5	1
3. Class/Urban Code	R/0	R/0	U/130	U/130	U/130	U/130
4. Location:						
---- *a. FIPS State/County/Congressional*	42/013/09	42/013/09	42/013/09	42/013/09	42/013/09	42/013/09
---- *b. HPMS Route/Subroute*	0000070099/00	0000070099/00	0000070099/00	0000070099/00	0000070099/00	0000070099/00
---- *c. HPMS Signed Route/Strip Map #*	00000I099/O4	00000I099/O4	00000I099/O4	00000I099/O4	00000I099/O4	00000I099/O5
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	8,289	15,478	15,478	15,478	31,766	35,774
---- *b. ADT-Year 2015*	10,104	18,868	18,868	18,868	38,723	43,608
---- *c. Design Year*	1,996	1,997	1,997	1,997	1,998	1,998
---- *d. ADT-Design Year*	19,200	19,500	19,500	21,500	28,600	35,500
---- *e. DHV-Design Year*	1,920	1,950	1,950	2,150	2,860	3,550
---- *f. % Truck Design Year(DHV)*	5	5	5	5	4	3
---- *g. % Truck Design Year(ADT)*	6	6	6	6	6	6
---- *h. Directional Distribution Factor*	54	54	54	54	54	54
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-9/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full
11. Right-of-Way Width(ft), prevailing	410	360	360	360	360	360
12. Median Width(ft), prevailing	84	60	60	60	60	60
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**O20.0.0**	**O21.0.0**	**O21.1.0**	**O22.0.0**	**O22.1.0**	**O23.0.0**
LRS Milepoint: Beginning/Ending	**17.400/17.900**	**17.900/18.520**	**18.520/20.360**	**20.360/21.020**	**21.020/24.130**	**24.130/27.610**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.5	0.7	1.9	0.8	3	3.4
3. Class/Urban Code	R/0	R/0	U/130	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/013/09	42/013/09	42/013/09	42/013/09	42/013/09	42/013/09
---- *b. HPMS Route/Subroute*	0000070099/00	0000070099/00	0000070099/00	0000070099/00	0000070099/00	0000070099/00
---- *c. HPMS Signed Route/Strip Map #*	00000I099/O5	00000I099/O5	00000I099/O5	00000I099/O5	00000I099/O5	00000I099/O5
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	35,774	35,774	19,758	19,758	19,758	18,078
---- *b. ADT-Year 2015*	43,608	43,608	24,085	24,085	24,085	22,037
---- *c. Design Year*	1,998	1,998	1,998	1,998	1,998	1,998
---- *d. ADT-Design Year*	35,500	35,500	26,300	17,800	17,800	17,800
---- *e. DHV-Design Year*	3,550	3,550	2,630	1,780	1,780	1,780
---- *f. % Truck Design Year(DHV)*	3	6	6	6	6	6
---- *g. % Truck Design Year(ADT)*	5	5	8	6	6	6
---- *h. Directional Distribution Factor*	54	54	54	54	54	54
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-9/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	380	380	380	380	400	400
12. Median Width(ft), prevailing	60	60	60	60	84	84
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**O24.0.0**	**O25.0.0**	**O26.0.0**	**O27.0.0**	**O28.0.0**	**O29.0.0**
LRS Milepoint: Beginning/Ending	**27.610/30.420**	**30.420/33.110**	**33.110/34.260**	**34.260/36.730**	**0.000/3.410**	**0.000/1.700**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Final Construction**	**Final Construction**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2	3.1	1	3.3	3.8	1.7
3. Class/Urban Code	R/0	R/0	U/8670	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/013/09	42/013/09	42/013/09	42/013/09	42/013/09	42/027/05
---- *b. HPMS Route/Subroute*	0000070099/00	0000070099/00	0000070099/00	0000070099/00	0000070220/00	0000070220/00
---- *c. HPMS Signed Route/Strip Map #*	00000I099/O6	00000I099/O6	00000I099/O6	00000I099/O6	000US220/O6	00000US220/O7
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	15,596	18,966	18,966	10,308	10,072	10,072
---- *b. ADT-Year 2015*	19,011	23,119	23,119	12,565	11,600	8,467
---- *c. Design Year*	1,998	1,989	1,990	1,990	2,019	2,021
---- *d. ADT-Design Year*	14,500	13,700	13,900	10,000	11,600	11,030
---- *e. DHV-Design Year*	1,450	1,370	1,390	1,000	1,160	1,105
---- *f. % Truck Design Year(DHV)*	6	6	11	11	9	9
---- *g. % Truck Design Year(ADT)*	8	8	11	11	15	17
---- *h. Directional Distribution Factor*	54	54	54	54	54	50
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-9/Full	R-9/Full	R-10/Full	R-9/Full	R-9/Full	R-8/Full
11. Right-of-Way Width(ft), prevailing	400	400	400	400	360	360
12. Median Width(ft), prevailing	84	84	10	84	84	60
13. Status of Development(Figure 4)	1a	1a	1a	1a	3a2	3a2

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**O30.0.0**	**O31.0.0**	**O32.0.0**	**O33.0.0**	**O33.1.0**	**O34.0.0**
LRS Milepoint: Beginning/Ending	**1.700/4.320**	**4.320/4.660**	**4.660/6.910**	**12.700/15.140**	**15.140/22.370**	**9.770/13.310**
Status	**Final Construction**	**Final Construction**	**Final Construction**	**Final Construction**	**NP**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	3.3	1.7	4	4	6.6	3.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/027/09	42/027/09	42/027/09	42/027/05	42/027/09	42/027/05
---- *b. HPMS Route/Subroute*	0000070220/00	0000070220/00	0000070220/00	0000140322/01	0000140322/01	0000140026/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/O7	00000US220/O7	00000US220/O7	00000US220/O7	000US322/O7	000PA026/O8
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	2/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	10,072	10,072	7,448	15,812	30,123	15,362
---- *b. ADT-Year 2015*	8,467	9,138	25,624	20,815	36,006	18,362
---- *c. Design Year*	2,021	2,020	2,021	2,020	2,021	2,020
---- *d. ADT-Design Year*	11,030	11,030	26,650	26,390	40,074	20,075
---- *e. DHV-Design Year*	1,105	1,100	2,365	2,610	4,408	2,008
---- *f. % Truck Design Year(DHV)*	9	9	11	9	4	4
---- *g. % Truck Design Year(ADT)*	17	17	15	14	6	10
---- *h. Directional Distribution Factor*	50	50	50	50	60	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full
11. Right-of-Way Width(ft), prevailing	360	360	360	360	260	260
12. Median Width(ft), prevailing	60	60	60	60	60	60
13. Status of Development(Figure 4)	3a2	3a2	3a2	3a2	np	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**O35.0.0**	**O36.0.0**	**O37.0.0**	**O37.1.0**
LRS Milepoint: Beginning/Ending	**13.310/15.110**	**15.110/16.910**	**16.900/20.110**	**20.110/22.110**
Status	**Completed**	**Completed**	**NP**	**Design/RoW**
1. Finance Code	20	20	20	22
2. Section Length(Miles)	2.5	2.7	2.7	2
3. Class/Urban Code	R/0	R/0	R/0	R/0
4. Location:				
---- *a. FIPS State/County/Congressional*	42/027/05	42/027/05	42/027/05	42/027/05
---- *b. HPMS Route/Subroute*	0000140026/00	0000140026/00	0000140026/00	0000140026/00
---- *c. HPMS Signed Route/Strip Map #*	000PA026/O8	000PA026/O8	000PA026/O8	000PA026/O8
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70
7. Traffic:				
---- *a. ADT-Base Year (2005)*	23,815	12,916	12,647	12,647
---- *b. ADT-Year 2015*	28,466	15,439	15,117	15,117
---- *c. Design Year*	2,022	2,018	2,020	2,030
---- *d. ADT-Design Year*	32,252	16,287	16,527	19,755
---- *e. DHV-Design Year*	3,225	1,629	1,818	2,173
---- *f. % Truck Design Year(DHV)*	5	4	12	12
---- *g. % Truck Design Year(ADT)*	10	10	24	24
---- *h. Directional Distribution Factor*	65	55	65	65
8. Number of Lanes to be Constructed this Estimate	0	0	0	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-8/Full	R-8/Full	R-8/Full
11. Right-of-Way Width(ft), prevailing	260	260	260	260
12. Median Width(ft), prevailing	60	60	60	60
13. Status of Development(Figure 4)	1a	1a	np	4a1

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:				
---- *a. Location*	0	0	0	0
---- *b. Design*	0	0	0	12,650
15. Right-of-Way:				
---- *a. Acquisition*	0	0	0	3,250
---- *b. Relocation*	0	0	0	3,250
16. Utility Adjustments	0	0	0	1,250
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	10,271
18. Subbase, Base, Surfacing, Shoulders	0	0	0	10,546
19. Railroad Grade Seperations	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0
21. Interchanges	0	0	0	25,775
22. Other Bridges, Tunnels, and Walls	0	0	0	4,138
23. Traffic Control	0	0	0	1,698
24. Environmental Mitigation	0	0	0	0
25. Roadside Improvements:				
---- *a. Landscape Planting*	0	0	0	32
---- *b. Rest Area, Overlooks*	0	0	0	0
26. All Other Items	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**52,460**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**5,060**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**57,520**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**81,816**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	116.40	108.60	7.80
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	12,650	12,650	0
15. Right-of-Way:			
---- *a. Acquisition*	3,250	3,250	0
---- *b. Relocation*	3,250	3,250	0
16. Utility Adjustments	1,250	1,250	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	10,271	10,271	0
18. Subbase, Base, Surfacing, Shoulders	10,546	10,546	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	25,775	25,775	0
22. Other Bridges, Tunnels, and Walls	4,138	4,138	0
23. Traffic Control	1,698	1,698	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	32	32	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	0	0	0
27. Subtotal(lines 17 thru 26)	52,460	52,460	0
28. Construction Engineering(9.64500000% of line 27)	5,060	5,060	0
29. Total Cost of Construction(lines 27 & 28)	57,520	57,520	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	81,816	81,816	0

55 (15) R
55 (14) E

N

Brush Creek
Shoppers Run
Morbaugh Run
Wills Creek
Laurel Run
Mountain Run
Grim Run
Tiger Run
SR 0096 SH
CENTER ST
Hyndman
96
SR 0096 SH
Wills Creek
Shaffer Run
220
Rark
Road
Elder
Nave
Centerville
Spring Hollow
Pigeonroost Run
Bull Creek Run
Flintstone Creek
Narrow
Lost Run
O02.0.0
BMP 4.135
EMP 10.948
Delaware
Sandstone
Run
Anderson
Valley
Rocky Gap Run
Laurel Branch
Street
Rices
BEDFORD COUNTY
BEDFORD COUNTY
MARYLAND
O01.0.0
BMP 0
EMP 4.135

LEGEND FOR APPALACHIAN ROUTES

ADHS ROUTE STATUS
- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL Toll Bridge, Highway

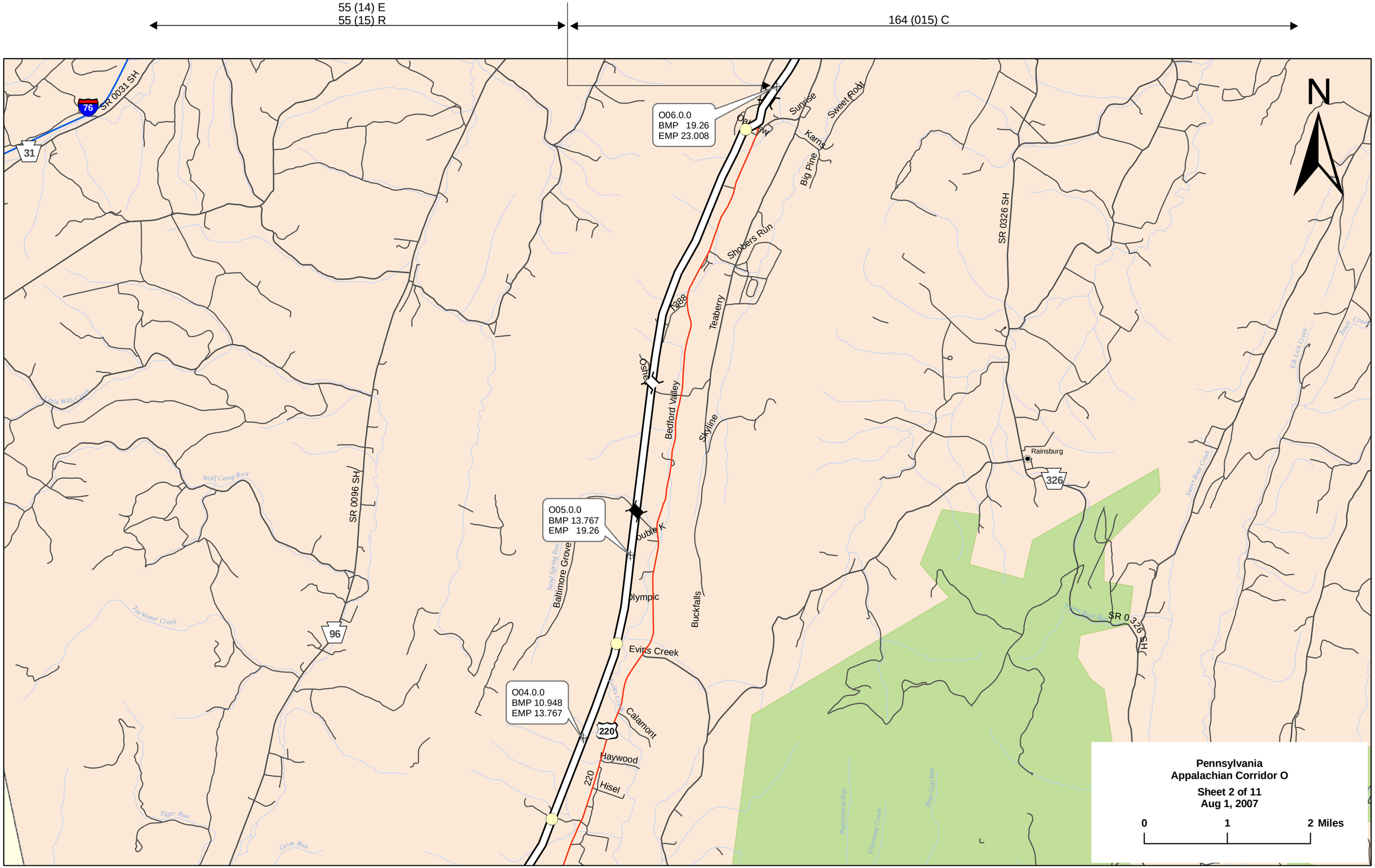
- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

Section ID
Beginning Milepoint
Ending Milepoint

Pennsylvania
Appalachian Corridor O

Sheet 1 of 11
Aug 1, 2007

0 1 2 Miles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55 (15) R
164 (015) C
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BMP 10.948
EMP 13.767
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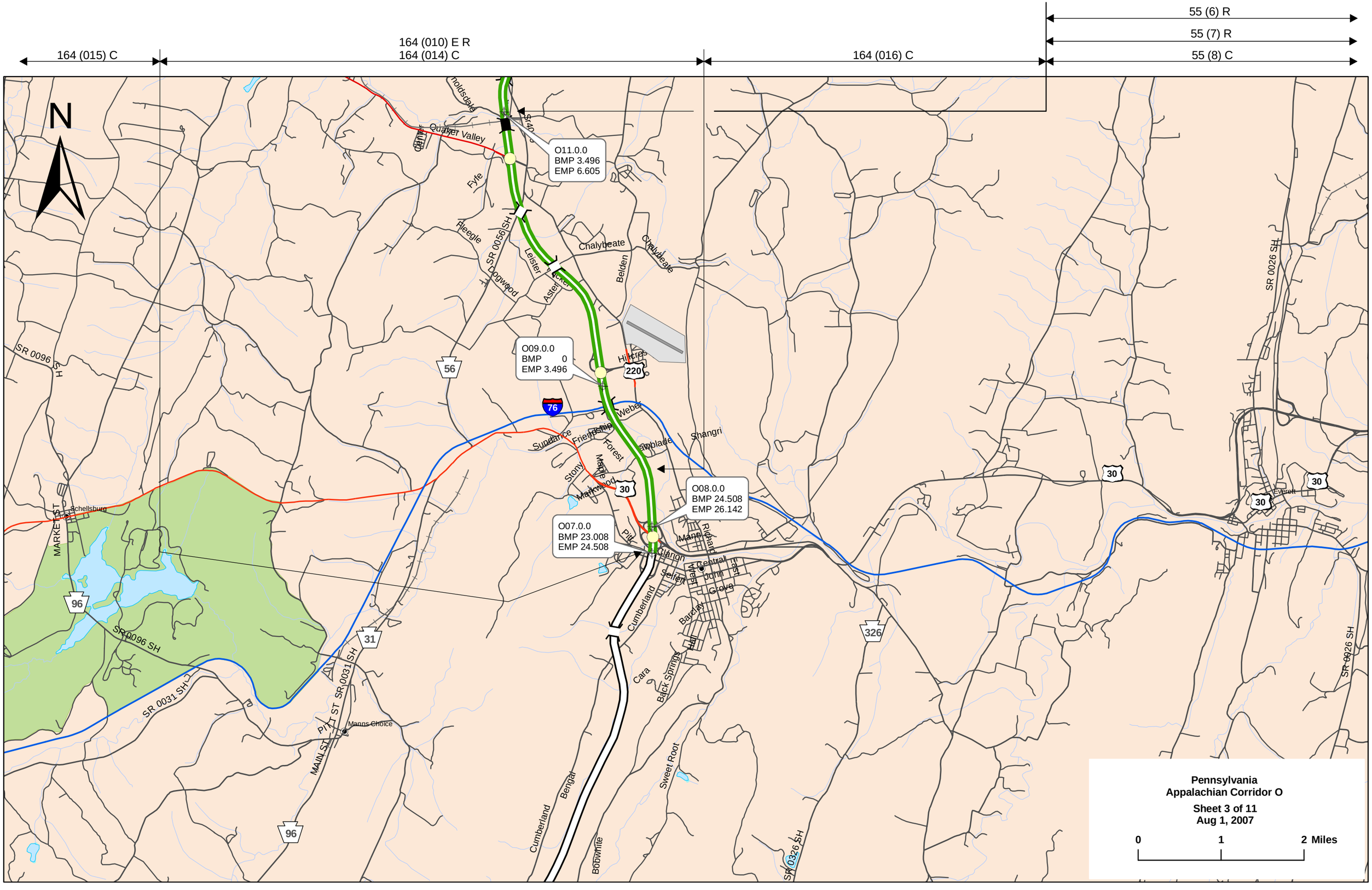
SR 0031 SH
31
SR 0096 SH
96
SR 0326 SH
326
220
Sunrise
Sweet Root
Karns
Big Pine
Shokers Run
Teaberry
Bedford Valley
Skyline
Buckfalls
Baltimore Grove
Double K
Olympic
Evitts Creek
Calamont
Haywood
Hisel
Rainsburg
Little Wills Creek
Wolf Camp Run
Tar Water Creek
Tiger Run
Grim Run
Sand Spring Run
Sweet Root Creek
Elk Lick Creek
Town Creek
Pigeonroost Run
Flintstone Creek
Bear Gap Run
Pennsylvania
Appalachian Corridor O
Sheet 2 of 11
Aug 1, 2007
0
1
2 Miles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164 (010) E R
164 (014) C
164 (016) C
55 (6) R
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55 (8) C
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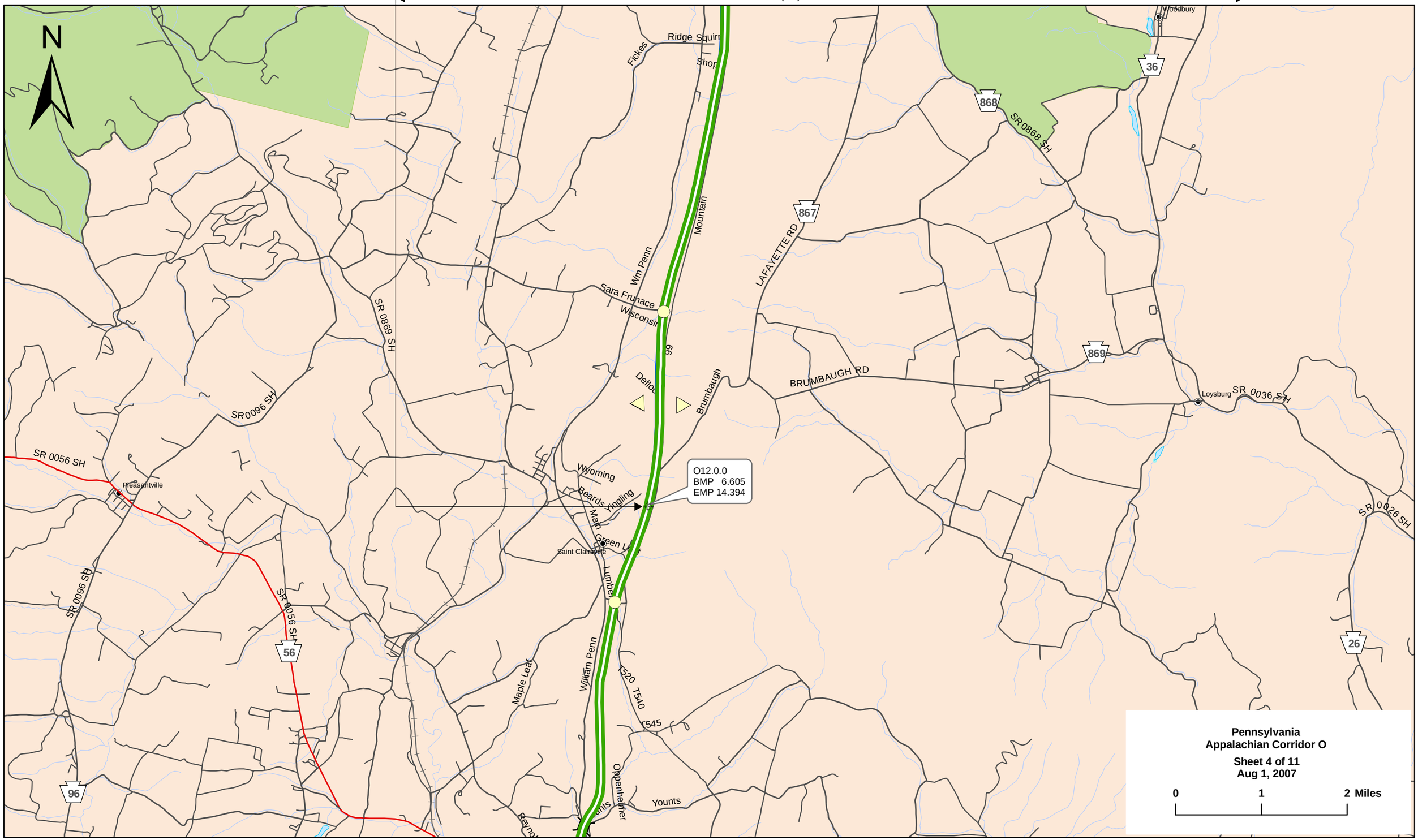
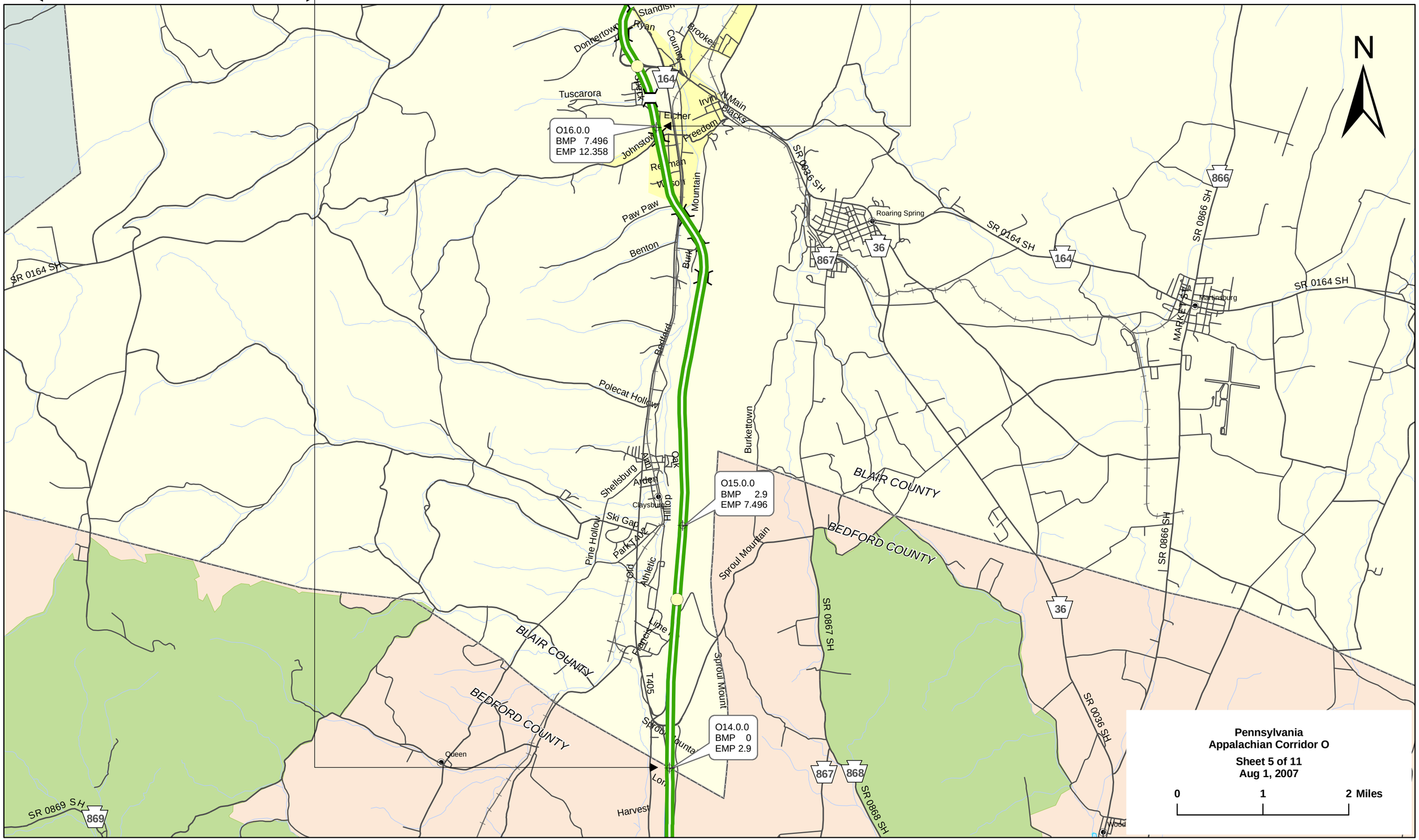
BMP 3.496
EMP 6.605
O09.0.0
BMP 0
EMP 3.496
O08.0.0
BMP 24.508
EMP 26.142
O07.0.0
BMP 23.008
EMP 24.508
Quaker Valley
Fyfe
Hleegle
SR 0056 SH
Leister
Chalybeate
Belden
Dogwood
Aster
Hillcrest
Weber
Sundance
Friendship
Forest
Sawblade
Shangri
Stony
Maple
Markwood
Pitt
Mann
Richard
Clarion
Central
Selfert
West
Grove
Cumberland
Barclay
Hall
Cara
Back Springs
Sweet Root
Bengal
Bobwhite
Schellsburg
MARKET ST
SR 0096 SH
SR 0031 SH
PITT ST
MAIN ST
Manns Choice
Everett
SR 0026 SH
SR 0326 SH
56
76
220
30
96
31
326
Pennsylvania
Appalachian Corridor O
Sheet 3 of 11
Aug 1, 2007
0
1
2 Miles

55 (6) R
55 (7) R
55 (8) C
55 (12) C
55 (10) R
55 (11) R
55 (15) R
55 (17) R



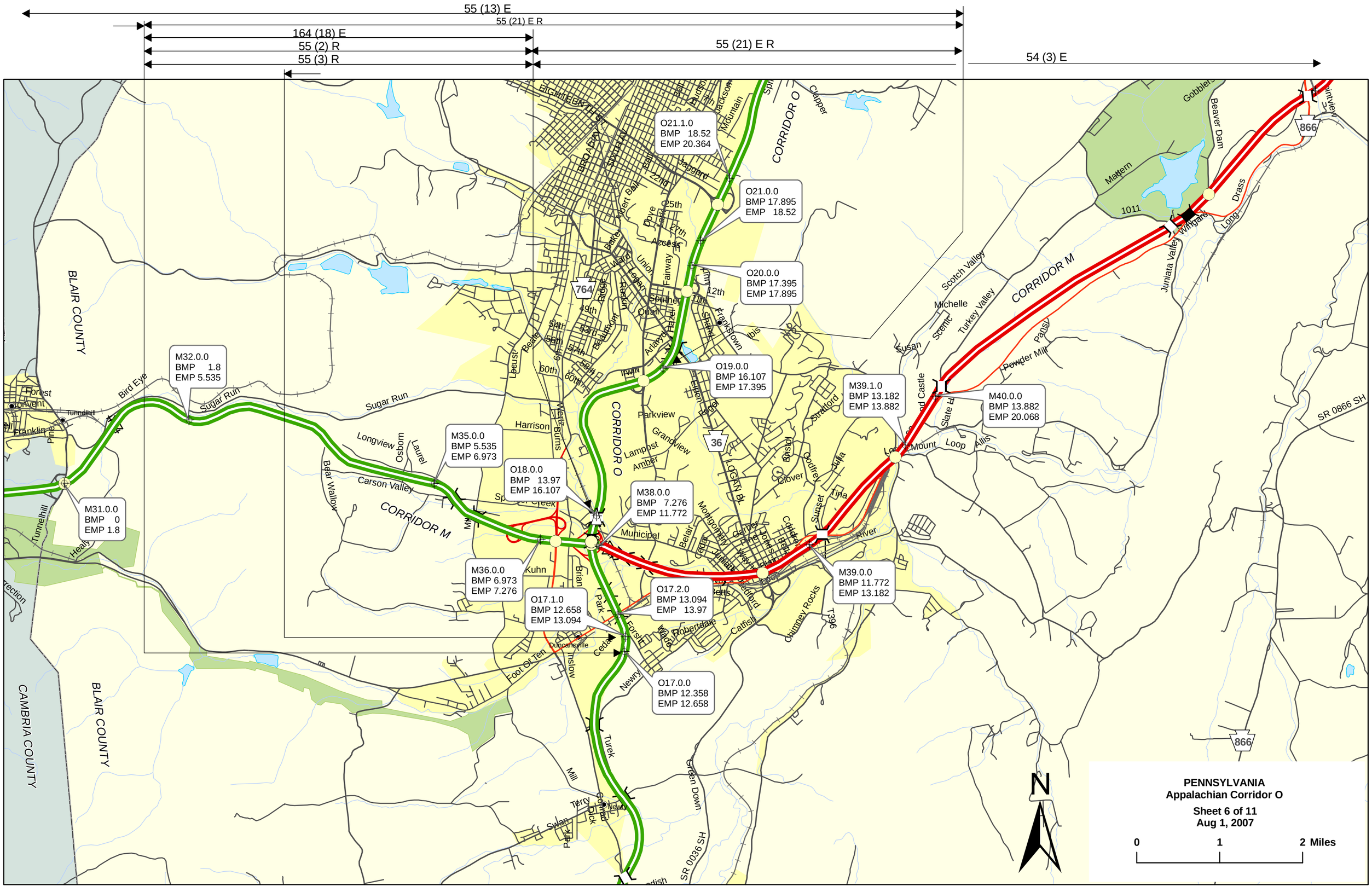
55 (12) C
55 (10) R
55 (11) R
55 (15) R
55 (17) R
55 (13) E
54 (3) E



Pennsylvania
Appalachian Corridor O

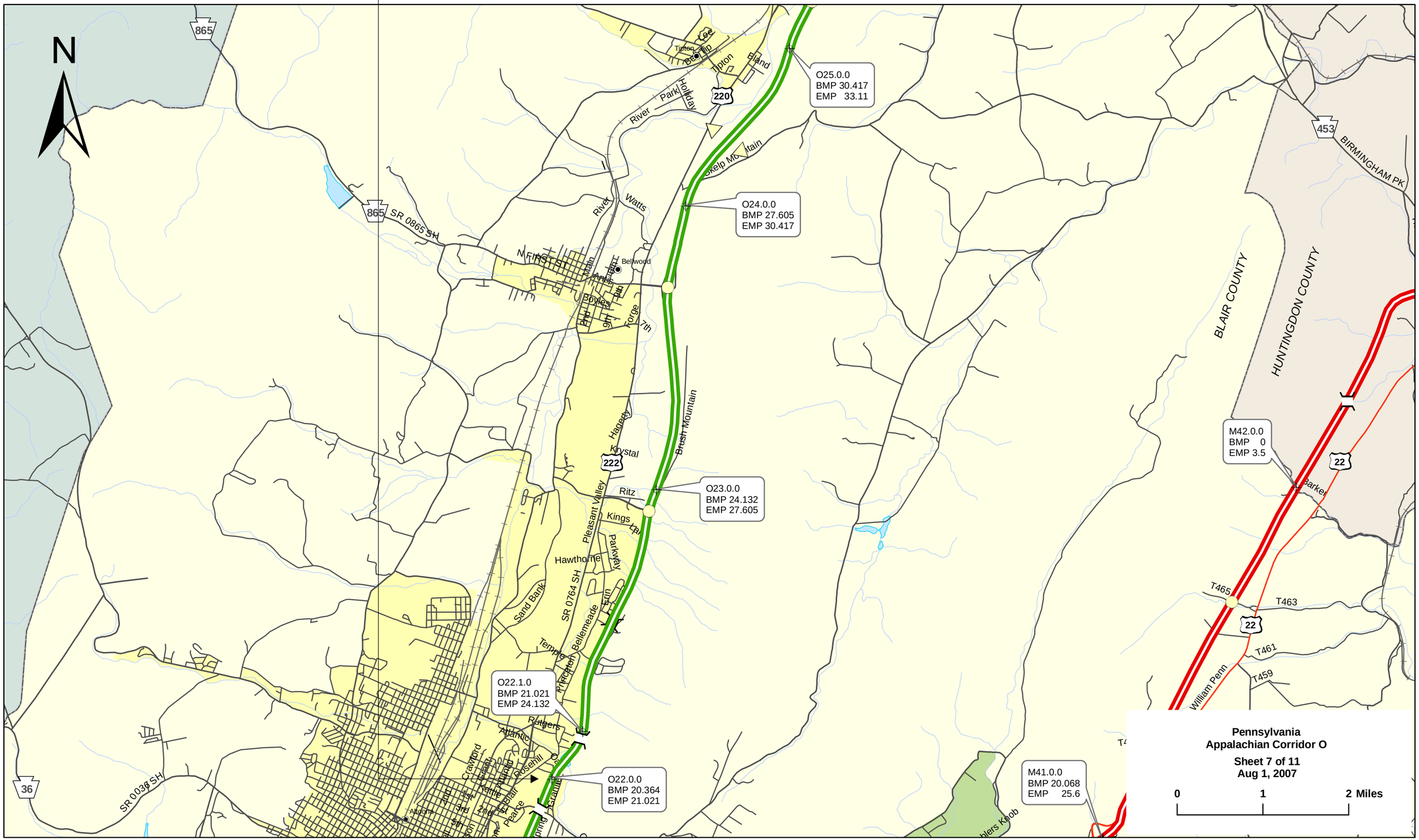
Sheet 5 of 11
Aug 1, 2007

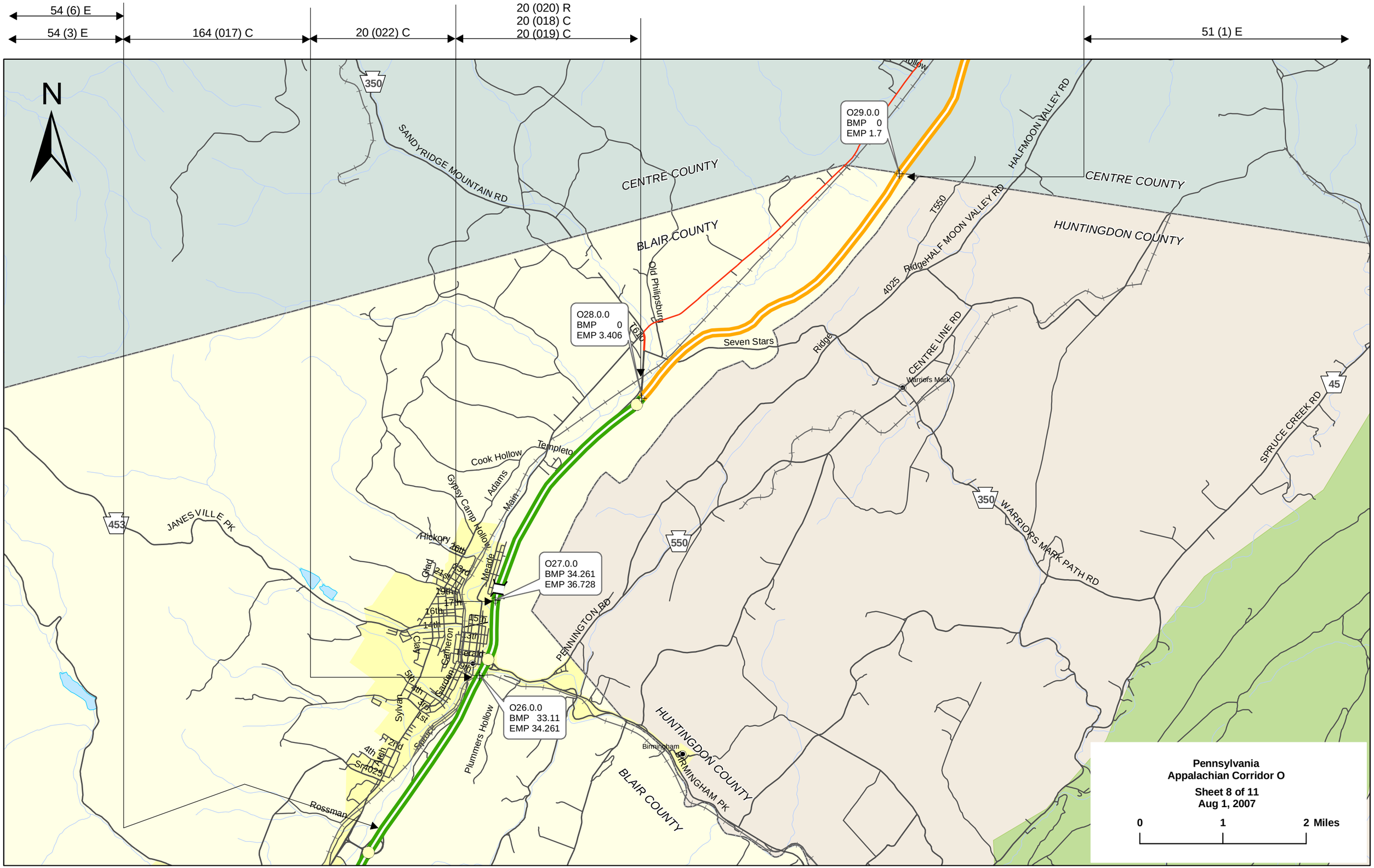
0 1 2 Miles

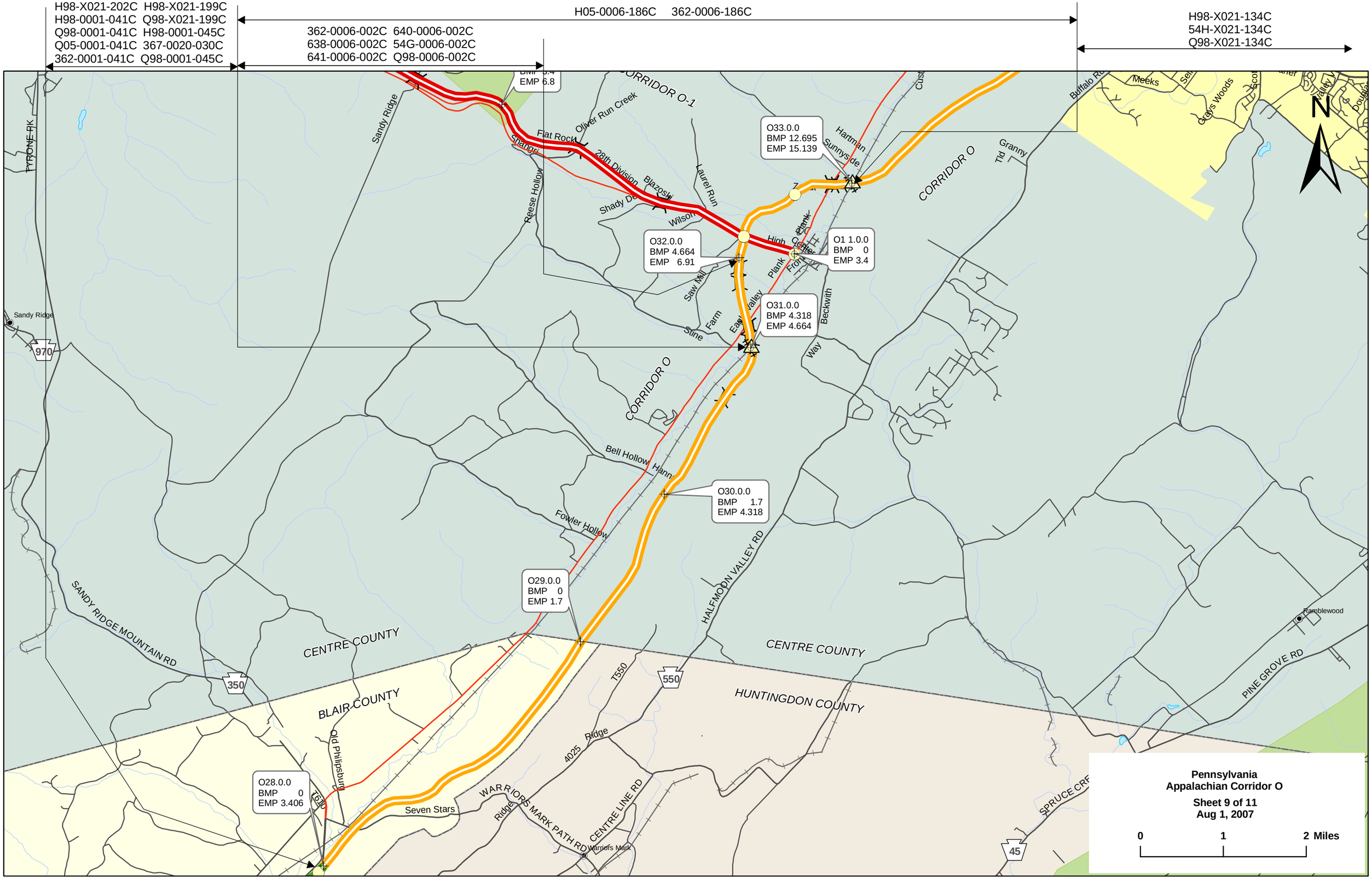

55 (13) E
55 (21) E R
164 (18) E
55 (2) R
55 (3) R
55 (21) E R
54 (3) E
O21.1.0
BMP 18.52
EMP 20.364
O21.0.0
BMP 17.895
EMP 18.52
O20.0.0
BMP 17.395
EMP 17.895
O19.0.0
BMP 16.107
EMP 17.395
M32.0.0
BMP 1.8
EMP 5.535
M35.0.0
BMP 5.535
EMP 6.973
O18.0.0
BMP 13.97
EMP 16.107
M38.0.0
BMP 7.276
EMP 11.772
M39.1.0
BMP 13.182
EMP 13.882
M40.0.0
BMP 13.882
EMP 20.068
M31.0.0
BMP 0
EMP 1.8
M36.0.0
BMP 6.973
EMP 7.276
O17.1.0
BMP 12.658
EMP 13.094
O17.2.0
BMP 13.094
EMP 13.97
O17.0.0
BMP 12.358
EMP 12.658
M39.0.0
BMP 11.772
EMP 13.182
CORRIDOR O
CORRIDOR M
BLAIR COUNTY
CAMBRIA COUNTY
764
36
866
1011
SR 0866 SH
SR 0036 SH
N
PENNSYLVANIA
Appalachian Corridor O
Sheet 6 of 11
Aug 1, 2007
0
1
2 Miles

54 (3) E

54 (6) E


N
865
SR 0865 SH
Tipton
Lee
Tipton
Bland
Park
Holliday
River
220
Kelp Mountain
O25.0.0
BMP 30.417
EMP 33.11
453
BIRMINGHAM PK
River
Watts
O24.0.0
BMP 27.605
EMP 30.417
N FIRST ST
Bellwood
Boyles
Forge
7th
Hagerty
Krystal
222
Brush Mountain
O23.0.0
BMP 24.132
EMP 27.605
Ritz
Pleasant Valley
Kings Lane
Parkway
Hawthorne
SR 0764 SH
Sand Bank
Bellemeade
Temple
Richton
O22.1.0
BMP 21.021
EMP 24.132
Rutgers
Atlantic
Crawford
Rosehill
Pearle
Altoona
O22.0.0
BMP 20.364
EMP 21.021
SR 0038 SH
36
BLAIR COUNTY
HUNTINGDON COUNTY
M42.0.0
BMP 0
EMP 3.5
22
Barker
T465
T463
T461
T459
William Penn
M41.0.0
BMP 20.068
EMP 25.6
Pennsylvania
Appalachian Corridor O
Sheet 7 of 11
Aug 1, 2007
0
1
2 Miles


54 (6) E
54 (3) E
164 (017) C
20 (022) C
20 (020) R
20 (018) C
20 (019) C
51 (1) E
N
O29.0.0
BMP 0
EMP 1.7
O28.0.0
BMP 0
EMP 3.406
O27.0.0
BMP 34.261
EMP 36.728
O26.0.0
BMP 33.11
EMP 34.261
CENTRE COUNTY
BLAIR COUNTY
HUNTINGDON COUNTY
SANDYRIDGE MOUNTAIN RD
HALFMOON VALLEY RD
HALF MOON VALLEY RD
T550
4025
Ridge
Seven Stars
CENTRE LINE RD
Warriors Mark
SPRUCE CREEK RD
WARRIORS MARK PATH RD
PENNINGTON RD
Old Philipsburg
Cook Hollow
Templeton
Gypsy Camp Hollow
Adams
Main
Meade
Hickory
Grad
Cameron
Clay
Garden
Sylvan
Spruce
Plummers Hollow
Birmingham
BIRMINGHAM PK
JANESVILLE PK
Rossman
350
45
453
550
Pennsylvania
Appalachian Corridor O
Sheet 8 of 11
Aug 1, 2007
0
1
2 Miles


H98-X021-202C H98-X021-199C
H98-0001-041C Q98-X021-199C
Q98-0001-041C H98-0001-045C
Q05-0001-041C 367-0020-030C
362-0001-041C Q98-0001-045C
H05-0006-186C 362-0006-186C
362-0006-002C 640-0006-002C
638-0006-002C 54G-0006-002C
641-0006-002C Q98-0006-002C
H98-X021-134C
54H-X021-134C
Q98-X021-134C
EMP 6.8
CORRIDOR O-1
Oliver Run Creek
Flat Rock
Shangri
28th Division
Blazosh
Shady De
Wilson
Laurel Run
Sandy Ridge
Reese Hollow
TYRONE PK
Sandy Ridge
970
O33.0.0
BMP 12.695
EMP 15.139
Hartman
Sunnyside
CORRIDOR O
Granny
Meeks
Grays Woods
Buffalo Ru
N
O32.0.0
BMP 4.664
EMP 6.91
O1 1.0.0
BMP 0
EMP 3.4
High Gap
Plank
Front
Saw Mill
Farm
Sune
Eagle Valley
O31.0.0
BMP 4.318
EMP 4.664
Beckwith
Way
CORRIDOR O
Bell Hollow
Hann
O30.0.0
BMP 1.7
EMP 4.318
Fowler Hollow
HALFMOON VALLEY RD
O29.0.0
BMP 0
EMP 1.7
SANDY RIDGE MOUNTAIN RD
CENTRE COUNTY
350
BLAIR COUNTY
CENTRE COUNTY
T550
550
HUNTINGDON COUNTY
Ramblewood
PINE GROVE RD
Old Philipsburg
4025
Ridge
O28.0.0
BMP 0
EMP 3.406
1610
Seven Stars
WAR RIORS MARK PATH RD
Ridge
CENTRE LINE RD
Warriors Mark
SPRUCE CRE
45
Pennsylvania
Appalachian Corridor O
Sheet 9 of 11
Aug 1, 2007
0
1
2 Miles

H98-X021-134C
54H-X021-134C
Q98-X021-134C

Q05-X021-170C

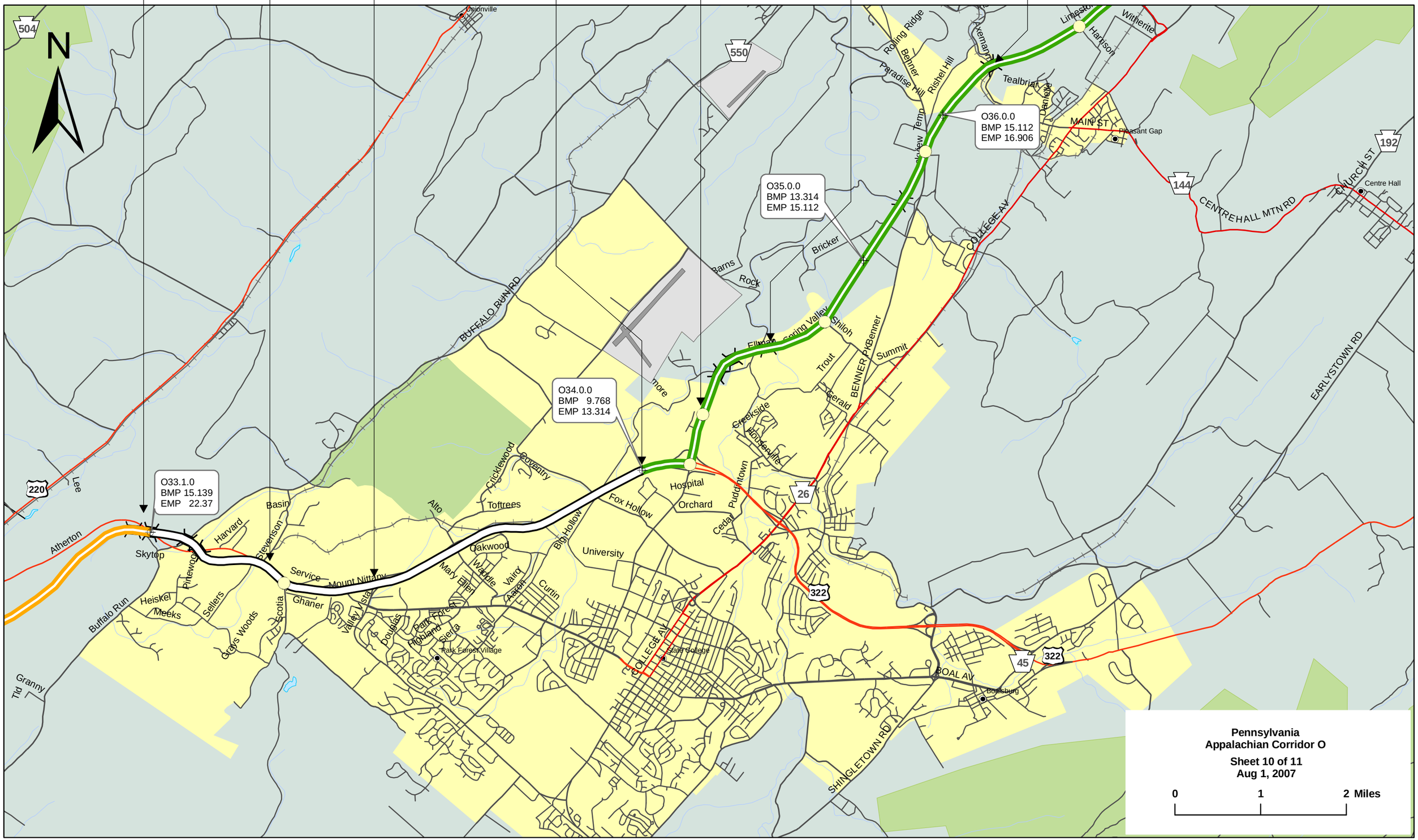
Q98-X021-136C
362-0006-050C

QAW-X021-128C
Q98-X021-128C

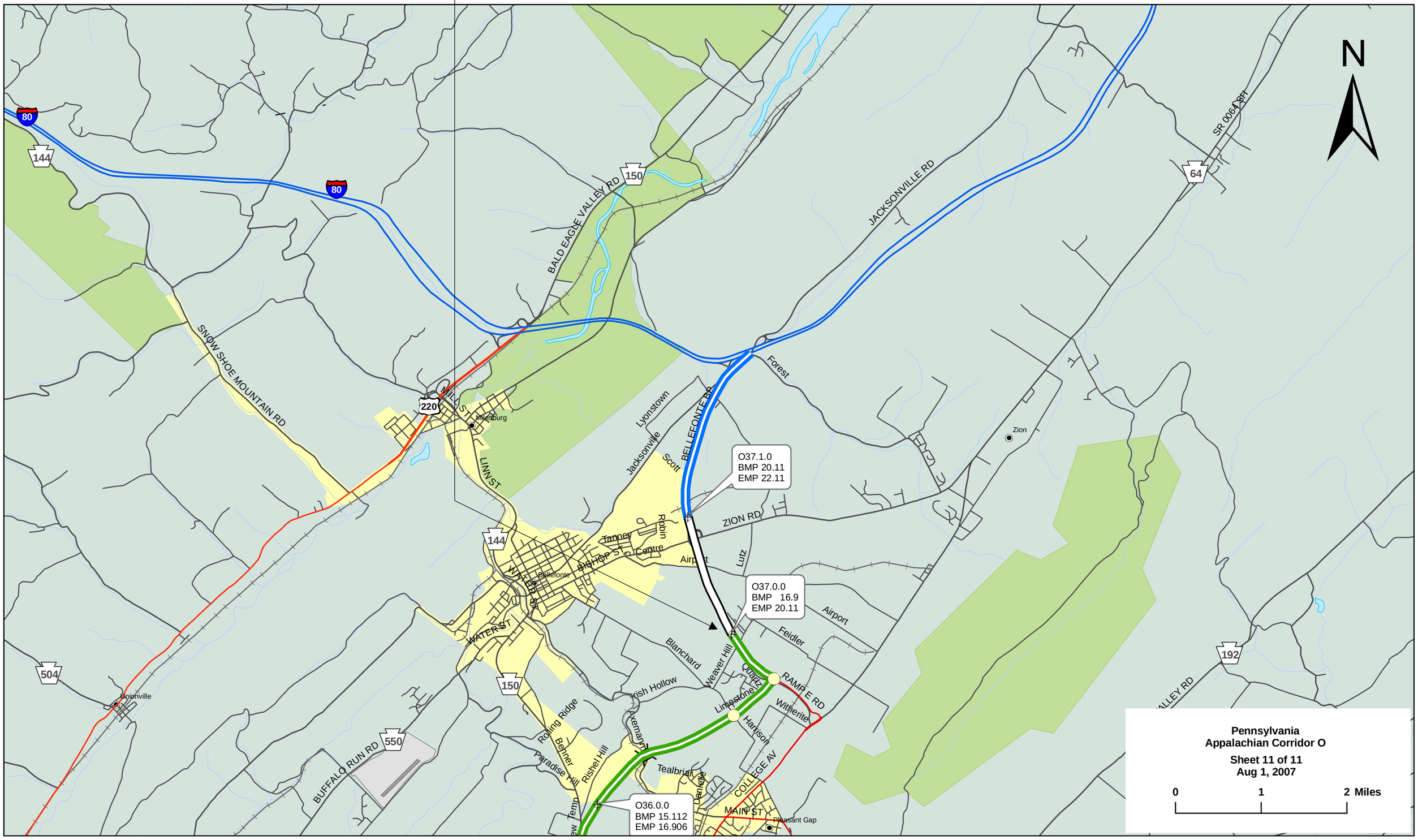
Q98-X021-129C

Q98-X021-127C

54C X021 116C 640-X021-116C
795 X021 116C Q98 X021 116C



54C-X021-116C 640-X021-116C
795-X021-116C Q98-X021-116C



2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: O1

Section ID	**O1 1.0.0**	**O1 2.0.0**	**O1 3.0.0**	**O1 4.0.0**	**O1 5.0.0**	**O1 6.0.0**
LRS Milepoint: Beginning/Ending	**0.000/3.400**	**3.400/6.800**	**6.800/10.700**	**0.000/3.800**	**3.800/8.400**	**8.400/13.000**
Status	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Location Study**
1. Finance Code	23	23	23	23	23	23
2. Section Length(Miles)	3.4	3.4	3.9	3.8	4.6	4.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/027/05	42/027/05	42/027/05	42/009/05	42/009/05	42/009/05
---- *b. HPMS Route/Subroute*	0000050220/00	0000050220/00	0000050220/00	0000050220/00	0000050220/00	0000050220/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/O11	00000US220/O11	00000US220/O11	00000US220/O12	00000US220/O12	00000US220/O12
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	7,812	7,812	7,812	9,852	12,476	14,200
---- *b. ADT-Year 2015*	12,969	12,969	12,969	14,583	16,767	18,535
---- *c. Design Year*	2,037	2,037	2,037	2,037	2,037	2,037
---- *d. ADT-Design Year*	39,243	39,243	39,243	36,585	36,585	38,824
---- *e. DHV-Design Year*	3,924	3,924	3,924	3,659	3,659	3,882
---- *f. % Truck Design Year(DHV)*	9	9	9	9	9	9
---- *g. % Truck Design Year(ADT)*	9	9	9	10	10	9
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	4	4	4	4	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full	R-8/Full
11. Right-of-Way Width(ft), prevailing	360	360	360	360	360	360
12. Median Width(ft), prevailing	60	60	60	60	60	60
13. Status of Development(Figure 4)	5a3	5a3	5a3	5a3	5a3	5a3

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	3,784	3,784	4,340	4,229	5,119	5,119
15. Right-of-Way:						
---- *a. Acquisition*	2,766	2,766	3,173	3,092	3,743	3,743
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	408	408	469	457	553	553
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	106,112	53,652	61,542	59,964	72,588	125,048
27. Subtotal(lines 17 thru 26)	**106,112**	**53,652**	**61,542**	**59,964**	**72,588**	**125,048**
28. Construction Engineering(9.64500000% of line 27)	**10,235**	**5,175**	**5,936**	**5,784**	**7,001**	**12,061**
29. Total Cost of Construction(lines 27 & 28)	**116,347**	**58,827**	**67,478**	**65,748**	**79,589**	**137,109**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**129,470**	**69,074**	**79,233**	**77,202**	**93,454**	**153,850**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA

ADHS Corridor: O1

Section ID	**O1 7.0.0**
LRS Milepoint: Beginning/Ending	**- / -**
Status	**Location Study**
1. Finance Code	23
2. Section Length(Miles)	3
3. Class/Urban Code	R/0
4. Location:	
---- *a. FIPS State/County/Congressional*	
---- *b. HPMS Route/Subroute*	
---- *c. HPMS Signed Route/Strip Map #*	
5. Estimate Section/NHS Designation	-/-
6. Design Speed(mph)	
7. Traffic:	
---- *a. ADT-Base Year (2005)*	
---- *b. ADT-Year 2015*	
---- *c. Design Year*	
---- *d. ADT-Design Year*	
---- *e. DHV-Design Year*	
---- *f. % Truck Design Year(DHV)*	
---- *g. % Truck Design Year(ADT)*	
---- *h. Directional Distribution Factor*	
8. Number of Lanes to be Constructed this Estimate	
9. Ultimate Number of Through Traffic Lanes	
10. Typical X-Section of Reference/Access Control	
11. Right-of-Way Width(ft), prevailing	
12. Median Width(ft), prevailing	
13. Status of Development(Figure 4)	5a1

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:	
---- *a. Location*	0
---- *b. Design*	0
15. Right-of-Way:	
---- *a. Acquisition*	0
---- *b. Relocation*	0
16. Utility Adjustments	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0
18. Subbase, Base, Surfacing, Shoulders	0
19. Railroad Grade Seperations	0
20. Highway Grade Seperations without Ramps	0
21. Interchanges	0
22. Other Bridges, Tunnels, and Walls	0
23. Traffic Control	0
24. Environmental Mitigation	0
25. Roadside Improvements:	
---- *a. Landscape Planting*	0
---- *b. Rest Area, Overlooks*	0
26. All Other Items	0
27. Subtotal(lines 17 thru 26)	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA

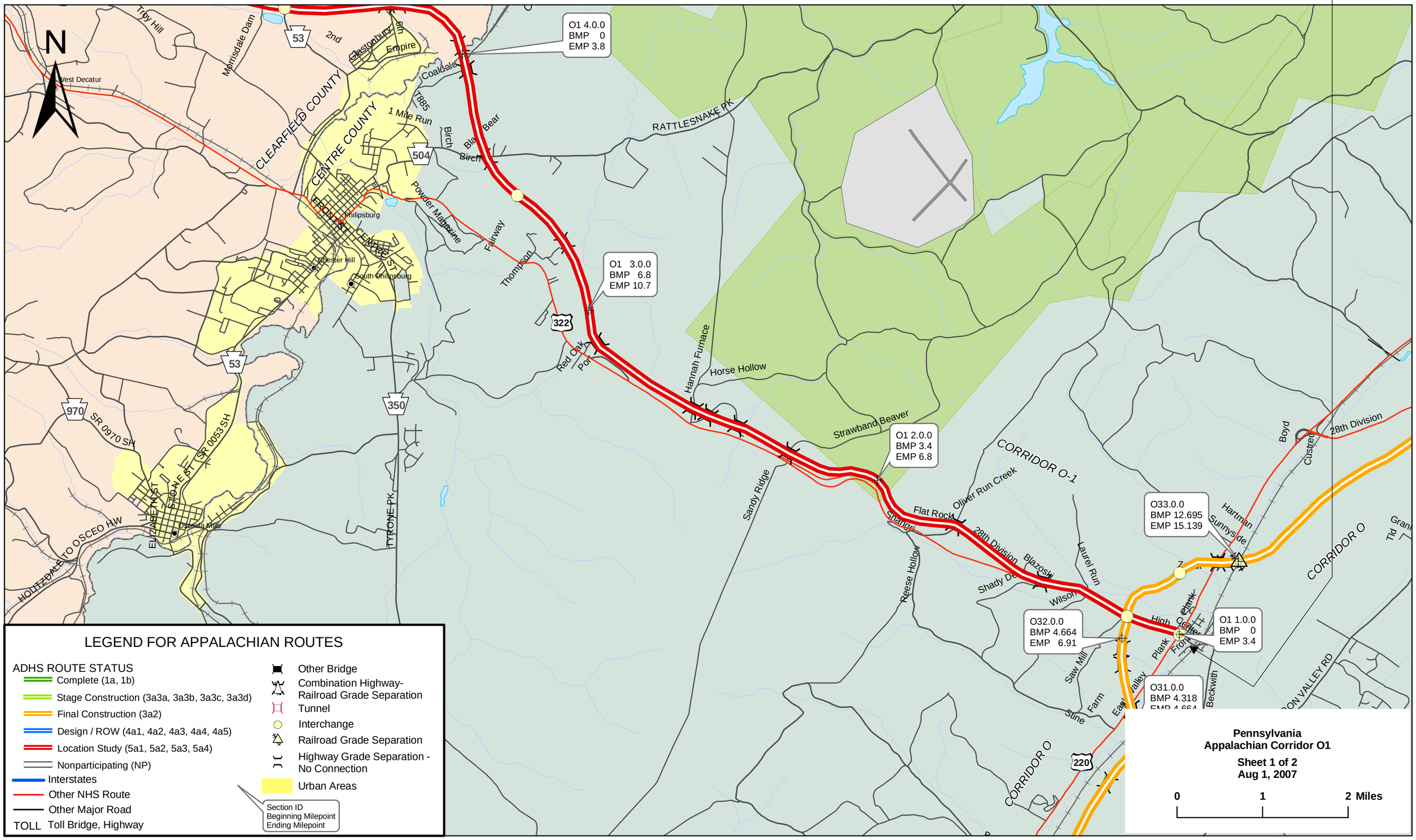
ADHS Corridor: O1

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	26.70	26.70	0.00
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	26,375	26,375	0
15. Right-of-Way:			
---- *a. Acquisition*	19,283	19,283	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	2,848	2,848	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0
23. Traffic Control	0	0	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	478,906	478,906	0
27. Subtotal(lines 17 thru 26)	478,906	478,906	0
28. Construction Engineering(9.64500000% of line 27)	46,190	46,190	0
29. Total Cost of Construction(lines 27 & 28)	525,096	525,096	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	602,283	602,283	0

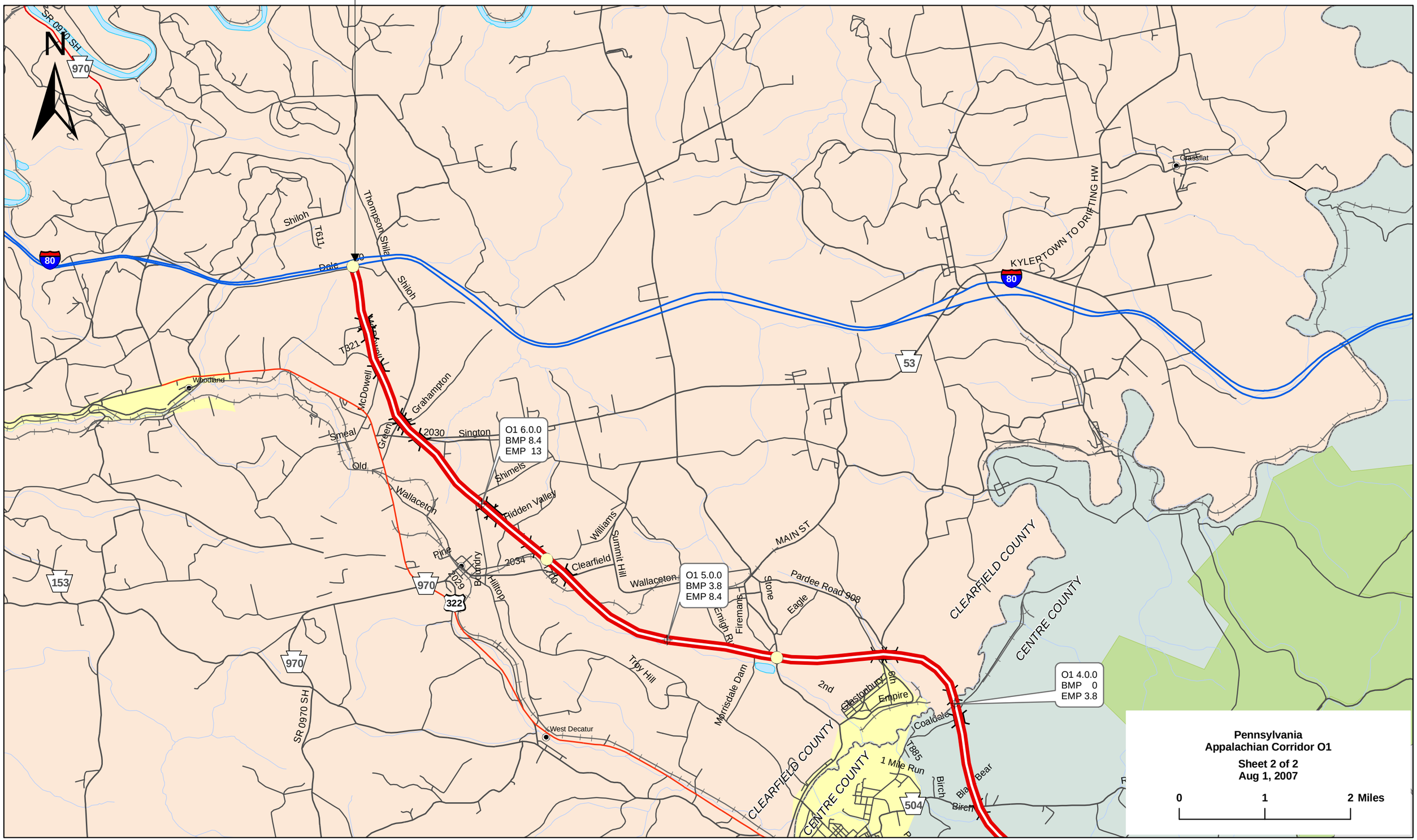
440-X021-123E G40-X021-123 Q98-X021-123E
54C-X021-123E 54G-X021-128E



LEGEND FOR APPALACHIAN ROUTES

ADHS ROUTE STATUS
- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL Toll Bridge, Highway
- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

440-X021-123E 640-X021-123 Q98-X021-123E
54C-X021-123E 54G-X021-123E



2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: P

Section ID	**P01.0.0**	**P02.0.0**	**P05.0.0**	**P05.1.0**	**P05.2.0**	**P05.3.0**
LRS Milepoint: Beginning/Ending	**0.000/2.990**	**2.990/5.240**	**5.240/6.670**	**6.670/7.170**	**7.170/7.270**	**7.270/7.670**
Status	**Stage Construction**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	21	20	20	20	20	20
2. Section Length(Miles)	2.9	2.8	1.1	0.8	0.1	0.4
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/035/05	42/035/05	42/035/05	42/035/05	42/035/05	42/035/05
---- *b. HPMS Route/Subroute*	0000180220/00	0000180220/00	0000180220/00	0000180220/00	0000180220/00	0000180220/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/P1	00000US220/P1	00000US220/P1	00000US220/P1	00000US220/P1	00000US220/P1
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	7,111	13,077	17,633	17,633	17,633	17,633
---- *b. ADT-Year 2015*	8,500	15,631	21,077	21,077	21,077	21,077
---- *c. Design Year*	2,037	1,992	1,994	1,994	1,994	1,994
---- *d. ADT-Design Year*	12,585	14,600	15,100	16,400	16,400	13,600
---- *e. DHV-Design Year*	1,259	1,460	1,510	1,510	1,640	1,360
---- *f. % Truck Design Year(DHV)*	7	8	8	8	8	8
---- *g. % Truck Design Year(ADT)*	14	10	10	10	10	10
---- *h. Directional Distribution Factor*	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	2	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-6/Full	R-6/Full	R-6/Full	R-6/Full	R-6/Full
11. Right-of-Way Width(ft), prevailing	260	320	320	320	320	320
12. Median Width(ft), prevailing	60	20	20	20	20	20
13. Status of Development(Figure 4)	3a3a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	1,614	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	348	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	36,499	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**36,499**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**3,520**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**40,019**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**44,080**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: P

Section ID	**P06.0.0**	**P06.1.0**	**P06.2.0**	**P06.3.0**	**P08.0.0**	**P08.1.0**
LRS Milepoint: Beginning/Ending	**7.670/8.910**	**8.910/9.110**	**9.110/9.610**	**9.610/13.240**	**13.240/13.580**	**13.580/13.780**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.8	0.2	0.4	3.7	0.6	0.2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/035/05	42/035/05	42/035/05	42/035/05	42/035/05	42/035/05
---- *b. HPMS Route/Subroute*	0000180220/00	0000180220/00	0000180220/00	0000180220/00	0000180220/00	0000180220/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/P1	00000US220/P1	00000US220/P1	00000US220/P1	00000US220/P1	00000US220/P1
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	17,633	17,612	17,612	17,612	15,300	15,300
---- *b. ADT-Year 2015*	21,077	21,052	21,052	21,052	18,288	18,288
---- *c. Design Year*	1,994	1,994	1,994	1,992	1,992	1,992
---- *d. ADT-Design Year*	13,600	13,600	13,600	13,200	12,700	12,700
---- *e. DHV-Design Year*	1,360	1,360	1,360	1,320	1,270	1,270
---- *f. % Truck Design Year(DHV)*	8	8	8	8	8	8
---- *g. % Truck Design Year(ADT)*	10	10	10	10	10	10
---- *h. Directional Distribution Factor*	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-6/Full	B-5/Full	R-6/Full	R-8/Full	R-8/Full	B-6/Full
11. Right-of-Way Width(ft), prevailing	320	200	320	360	360	200
12. Median Width(ft), prevailing	20	20	20	60	60	60
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: P

Section ID	**P08.2.0**	**P09.0.0**	**P10.0.0**	**P11.0.0**	**P12.0.0**	**P12.1.0**
LRS Milepoint: Beginning/Ending	**13.780/16.540**	**16.540/16.780**	**0.000/1.070**	**1.070/3.130**	**3.130/4.130**	**4.130/4.730**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Location Study**
1. Finance Code	20	20	20	20	20	22
2. Section Length(Miles)	2	1	1.6	1.3	1	1.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/035/05	42/035/05	42/081/05	42/081/05	42/081/05	42/081/05
---- *b. HPMS Route/Subroute*	0000180220/00	0000180220/00	0000410220/00	0000410220/00	0000410220/00	0000410220/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/P1	00000US220/P1	00000US220/P2	00000US220/P2	00000US220/P2	00000US220/P2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	16,370	19,435	16,500	16,900	19,800	22,300
---- *b. ADT-Year 2015*	19,567	23,231	23,900	24,500	28,700	32,300
---- *c. Design Year*	2,001	2,001	1,986	1,988	1,988	2,022
---- *d. ADT-Design Year*	15,499	15,449	11,500	11,900	12,200	18,200
---- *e. DHV-Design Year*	1,550	1,550	1,150	1,190	1,220	1,820
---- *f. % Truck Design Year(DHV)*	6	6	9	5	5	5
---- *g. % Truck Design Year(ADT)*	12	12	9	9	9	9
---- *h. Directional Distribution Factor*	55	55	60	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-1/Full	R-1/Full	R-1/Full	R-1/Full	R-1/None
11. Right-of-Way Width(ft), prevailing	360	216	236	350	236	260
12. Median Width(ft), prevailing	60	36	36	36	36	36
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	5a3

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	2,510
---- *b. Design*	0	0	0	0	0	3,027
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	4,548
---- *b. Relocation*	0	0	0	0	0	516
16. Utility Adjustments	0	0	0	0	0	723
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	4,947
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	4,533
19. Railroad Grade Seperations	0	0	0	0	0	4,208
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	15,727
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	4,356
23. Traffic Control	0	0	0	0	0	177
24. Environmental Mitigation	0	0	0	0	0	738
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	147
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	1,410
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**36,243**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**3,496**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**39,739**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**53,616**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: P

Section ID	**P13.0.0**	**P13.1.0**	**P14.0.0**	**P15.0.0**	**P16.0.0**	**P17.0.0**
LRS Milepoint: Beginning/Ending	**4.730/6.200**	**6.200/9.120**	**9.120/11.350**	**11.350/14.200**	**0.000/1.140**	**1.140/1.890**
Status	**Location Study**	**Location Study**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	22	22	20	20	20	20
2. Section Length(Miles)	1.6	3.2	1.2	2.4	1.7	0.7
3. Class/Urban Code	R/0	R/0	R/0	U/9380	U/9380	U/9380
4. Location:						
---- *a. FIPS State/County/Congressional*	42/081/05	42/081/05	42/081/10	42/081/10	42/081/10	42/081/10
---- *b. HPMS Route/Subroute*	0000410220/00	0000410220/00	0000410220/00	0000410220/00	0000410180/00	0000410180/00
---- *c. HPMS Signed Route/Strip Map #*	00000US220/P2	00000US220/P2	00000US220/P2	00000US220/P2	000000I180/P2	000000I180/P2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	22,600	21,200	20,900	20,900	45,800	45,800
---- *b. ADT-Year 2015*	32,000	30,700	30,300	30,300	66,400	66,400
---- *c. Design Year*	2,022	2,022	1,989	1,989	1,990	1,990
---- *d. ADT-Design Year*	40,000	40,000	17,900	24,400	24,800	50,700
---- *e. DHV-Design Year*	3,088	3,088	1,790	2,440	2,480	5,070
---- *f. % Truck Design Year(DHV)*	7	7	7	7	5	5
---- *g. % Truck Design Year(ADT)*	9	10	12	12	12	12
---- *h. Directional Distribution Factor*	55	60	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	4	4	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-6/Full	R-6/Full	R-12/Partial	R-12/Full	R-12/Full	R-12/Full
11. Right-of-Way Width(ft), prevailing	260	260	260	200	236	236
12. Median Width(ft), prevailing	36	36	36	36	36	36
13. Status of Development(Figure 4)	5a3	5a3	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	1,294	2,588	0	0	0	0
---- *b. Design*	1,780	3,560	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	1,301	2,603	0	0	0	0
---- *b. Relocation*	1,476	1,476	0	0	0	0
16. Utility Adjustments	192	384	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	25,248	50,496	0	0	0	0
27. Subtotal(lines 17 thru 26)	**25,248**	**50,496**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**2,435**	**4,870**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**27,683**	**55,366**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**35,412**	**69,276**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: P

Section ID	**P18.0.0**	**P19.0.0**	**P19.1.0**	**P19.2.0**	**P20.0.0**	**P21.0.0**
LRS Milepoint: Beginning/Ending	**1.890/2.340**	**2.340/3.770**	**3.770/4.210**	**4.210/5.990**	**5.990/8.230**	**8.230/8.790**
Status	**NP**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.5	1.1	0.7	2.2	2.1	1.1
3. Class/Urban Code	U/9380	U/9380	U/9380	U/9380	U/9380	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/081/10	42/081/10	42/081/10	42/081/10	42/081/10	42/081/10
---- *b. HPMS Route/Subroute*	0000410180/00	0000410180/00	0000410180/00	0000410180/00	0000410180/00	0000410180/00
---- *c. HPMS Signed Route/Strip Map #*	000000I180/P3	000000I180/P3	000000I180/P3	000000I180/P3	000000I180/P3	000000I180/P3
5. Estimate Section/NHS Designation	2/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	31,200	31,200	28,500	36,400	35,200	19,400
---- *b. ADT-Year 2015*	45,400	45,400	41,300	52,800	51,000	28,100
---- *c. Design Year*	2,016	1,996	1,996	1,996	1,994	1,993
---- *d. ADT-Design Year*	68,800	54,500	54,500	35,100	27,300	22,100
---- *e. DHV-Design Year*	6,880	5,450	5,450	3,510	2,730	2,210
---- *f. % Truck Design Year(DHV)*	5	5	0	7	6	0
---- *g. % Truck Design Year(ADT)*	10	10	11	9	9	15
---- *h. Directional Distribution Factor*	55	55	50	60	55	50
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	6	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-12/Full	R-12/Full	R-12/Full	R-12/Full	R-12/Full	R-12/Full
11. Right-of-Way Width(ft), prevailing	236	236	236	236	236	236
12. Median Width(ft), prevailing	41	36	36	36	100	100
13. Status of Development(Figure 4)	np	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: P

Section ID	**P21.1.0**	**P22.0.0**	**P23.0.0**	**P23.1.0**	**P24.0.0**	**P25.0.0**
LRS Milepoint: Beginning/Ending	**8.790/11.550**	**11.550/18.310**	**18.310/19.490**	**0.000/3.200**	**3.200/7.440**	**7.440/9.360**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	4.5	4.4	1.1	3.2	3	2.8
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/081/10	42/081/10	42/081/10	42/097/10	42/097/10	42/097/10
---- *b. HPMS Route/Subroute*	0000410180/00	0000410180/00	0000410180/00	0000490180/00	0000490180/00	0000490180/00
---- *c. HPMS Signed Route/Strip Map #*	000000I180/P3	000000I180/P3	000000I180/P3	000000I180/P3	000000I180/P4	000000I180/P4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	29,000	29,000	14,100	14,900	14,900	12,500
---- *b. ADT-Year 2015*	42,000	42,000	20,400	21,600	21,600	18,100
---- *c. Design Year*	1,993	1,991	1,988	1,988	1,989	1,989
---- *d. ADT-Design Year*	22,800	21,400	16,600	16,600	16,800	15,500
---- *e. DHV-Design Year*	2,280	2,140	1,660	1,660	1,680	1,550
---- *f. % Truck Design Year(DHV)*	7	7	19	10	10	18
---- *g. % Truck Design Year(ADT)*	13	13	24	20	20	23
---- *h. Directional Distribution Factor*	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-8/Full	R-8/Full	R-2/Full	R-2/Full	R-2/Full	R-2/Full
11. Right-of-Way Width(ft), prevailing	300	330	350	350	350	350
12. Median Width(ft), prevailing	100	60	90	90	90	90
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

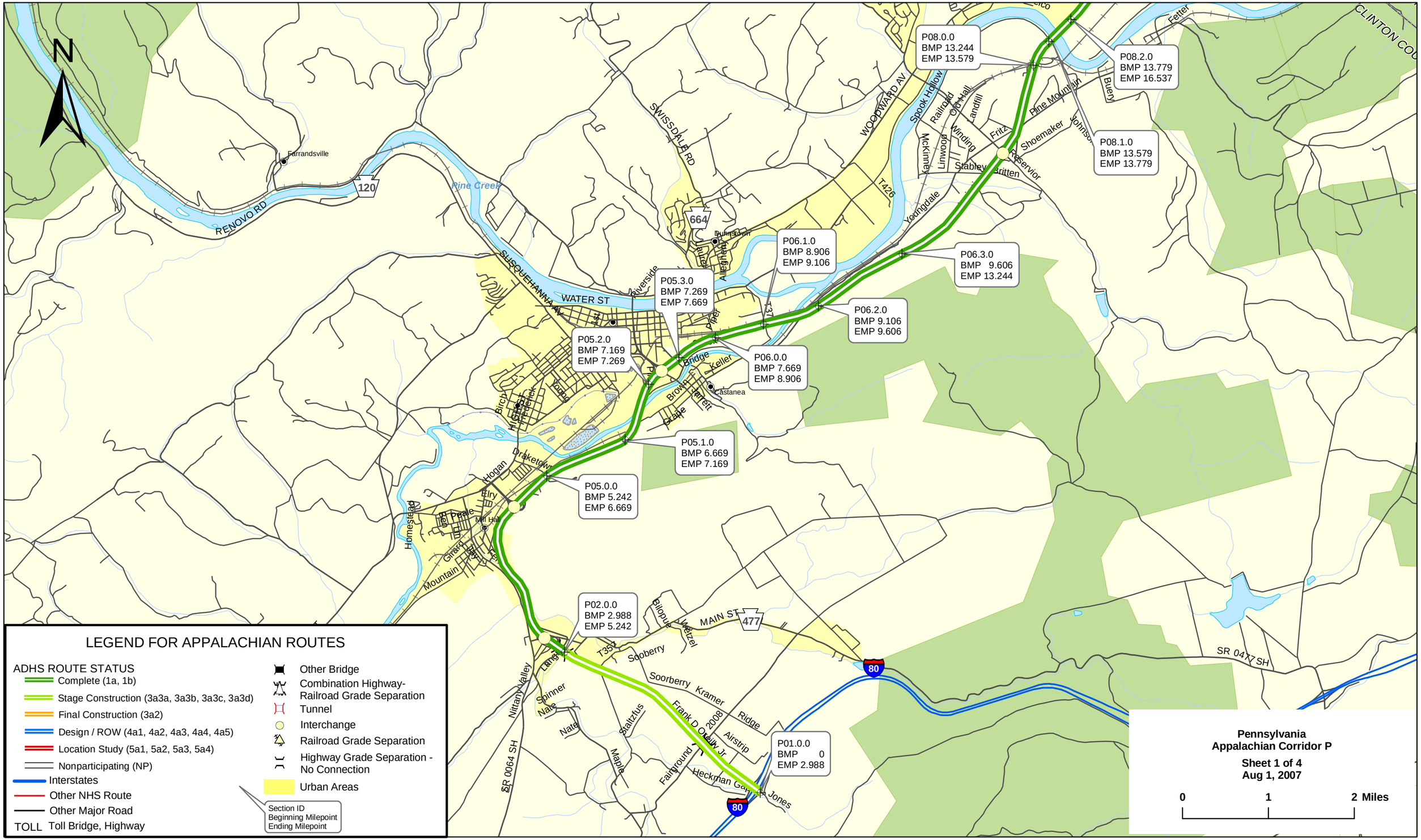
2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: P

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	60.00	48.60	11.40
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	6,392	6,392	0
---- *b. Design*	9,981	9,981	0
15. Right-of-Way:			
---- *a. Acquisition*	8,452	8,452	0
---- *b. Relocation*	3,468	3,468	0
16. Utility Adjustments	1,647	1,647	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	4,947	4,947	0
18. Subbase, Base, Surfacing, Shoulders	4,533	4,533	0
19. Railroad Grade Seperations	4,208	4,208	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	15,727	15,727	0
22. Other Bridges, Tunnels, and Walls	4,356	4,356	0
23. Traffic Control	177	177	0
24. Environmental Mitigation	738	738	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	147	147	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	113,653	113,653	0
27. Subtotal(lines 17 thru 26)	148,486	148,486	0
28. Construction Engineering(9.64500000% of line 27)	14,321	14,321	0
29. Total Cost of Construction(lines 27 & 28)	162,807	162,807	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	202,385	202,385	0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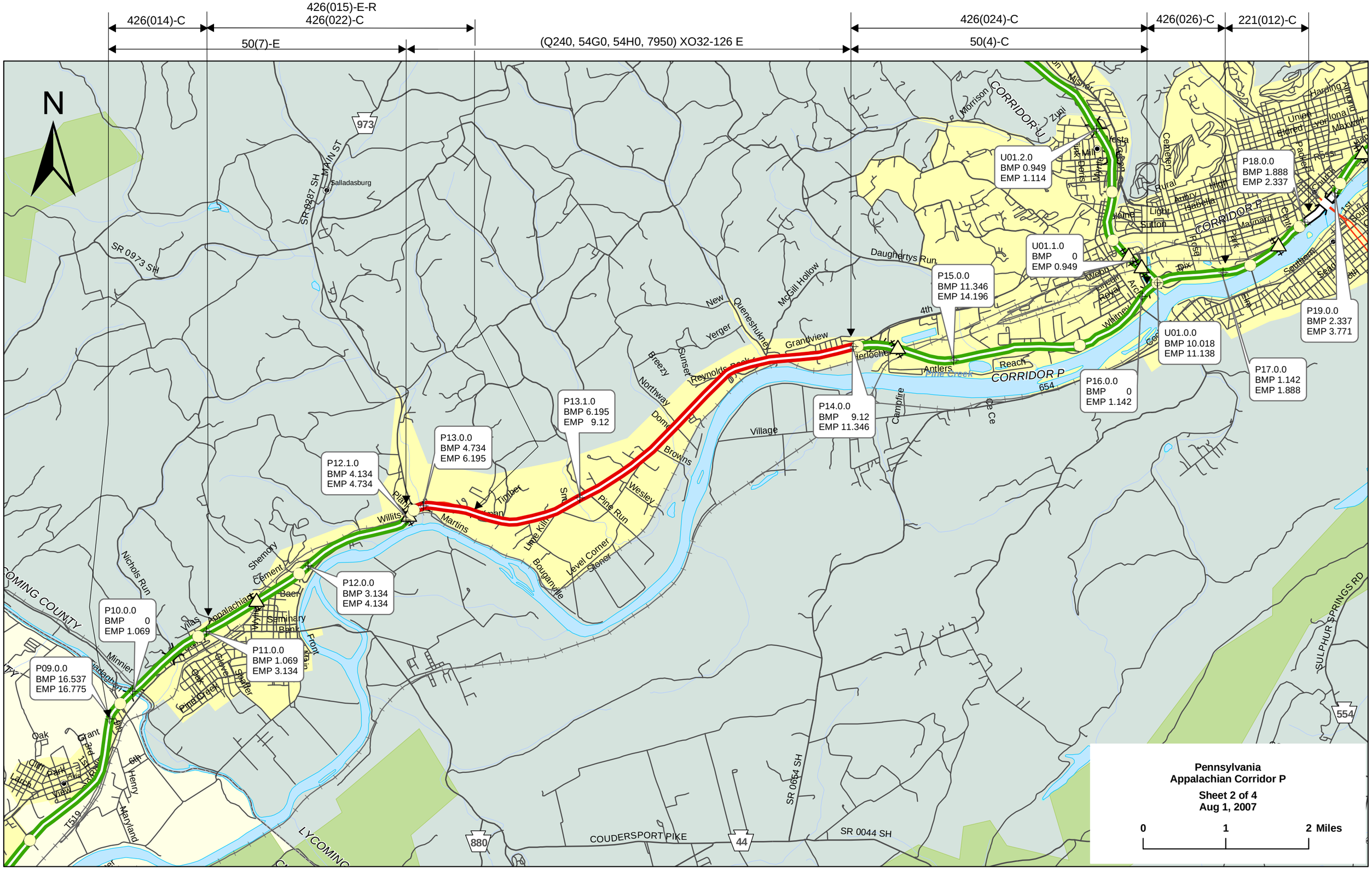
Farrandsville
120
RENOVO RD
Pine Creek
SUSQUEHANNA AV
WATER ST
664
Dunnstown
SWISSDALE RD
WOODWARD AV
Spook Hollow
Railroad
Old Hall
Landfill
Pine Mountain
Buery
Fetter
CLINTON COU
McKinney
Linwood
Winding
Fritz
Shoemaker
Johnson
Stabley
Britten
Reservior
T426
Youngdale
P08.0.0
BMP 13.244
EMP 13.579
P08.2.0
BMP 13.779
EMP 16.537
P08.1.0
BMP 13.579
EMP 13.779
P06.1.0
BMP 8.906
EMP 9.106
P06.3.0
BMP 9.606
EMP 13.244
P06.2.0
BMP 9.106
EMP 9.606
P05.3.0
BMP 7.269
EMP 7.669
P05.2.0
BMP 7.169
EMP 7.269
P06.0.0
BMP 7.669
EMP 8.906
P05.1.0
BMP 6.669
EMP 7.169
P05.0.0
BMP 5.242
EMP 6.669
Riverside
Allegheny
Paper
Bridge
Keller
Brown
Farrell
Castanea
Grape
Young
Birch
Hillside
Frederick
Drakeburg
Hogan
Elry
Beale
Mill Hall
Homestead
Grand
Mountain
T427
P02.0.0
BMP 2.988
EMP 5.242
Silopus
Metzel
MAIN ST
477
T357
Sooberry
Soorberry
Kramer
Ridge
Frank D Otalk Jr
2008
Airstrip
Fairground
Heckman Gap
Jones
Nittany Valley
Spinner
Nate
Staltzfus
Maple
SR 0064 SH
SR 0477 SH
80
P01.0.0
BMP 0
EMP 2.988
LEGEND FOR APPALACHIAN ROUTES
ADHS ROUTE STATUS
Complete (1a, 1b)
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
Final Construction (3a2)
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
Location Study (5a1, 5a2, 5a3, 5a4)
Nonparticipating (NP)
Interstates
Other NHS Route
Other Major Road
TOLL Toll Bridge, Highway
Other Bridge
Combination Highway-Railroad Grade Separation
Tunnel
Interchange
Railroad Grade Separation
Highway Grade Separation - No Connection
Urban Areas
Section ID
Beginning Milepoint
Ending Milepoint
Pennsylvania
Appalachian Corridor P
Sheet 1 of 4
Aug 1, 2007
0
1
2 Miles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426(026)-C
221(012)-C
N
CORRIDOR U
CORRIDOR P
U01.2.0
BMP 0.949
EMP 1.114
U01.1.0
BMP 0
EMP 0.949
U01.0.0
BMP 10.018
EMP 11.138
P15.0.0
BMP 11.346
EMP 14.196
P16.0.0
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EMP 1.142
P17.0.0
BMP 1.142
EMP 1.888
P18.0.0
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P13.0.0
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P12.0.0
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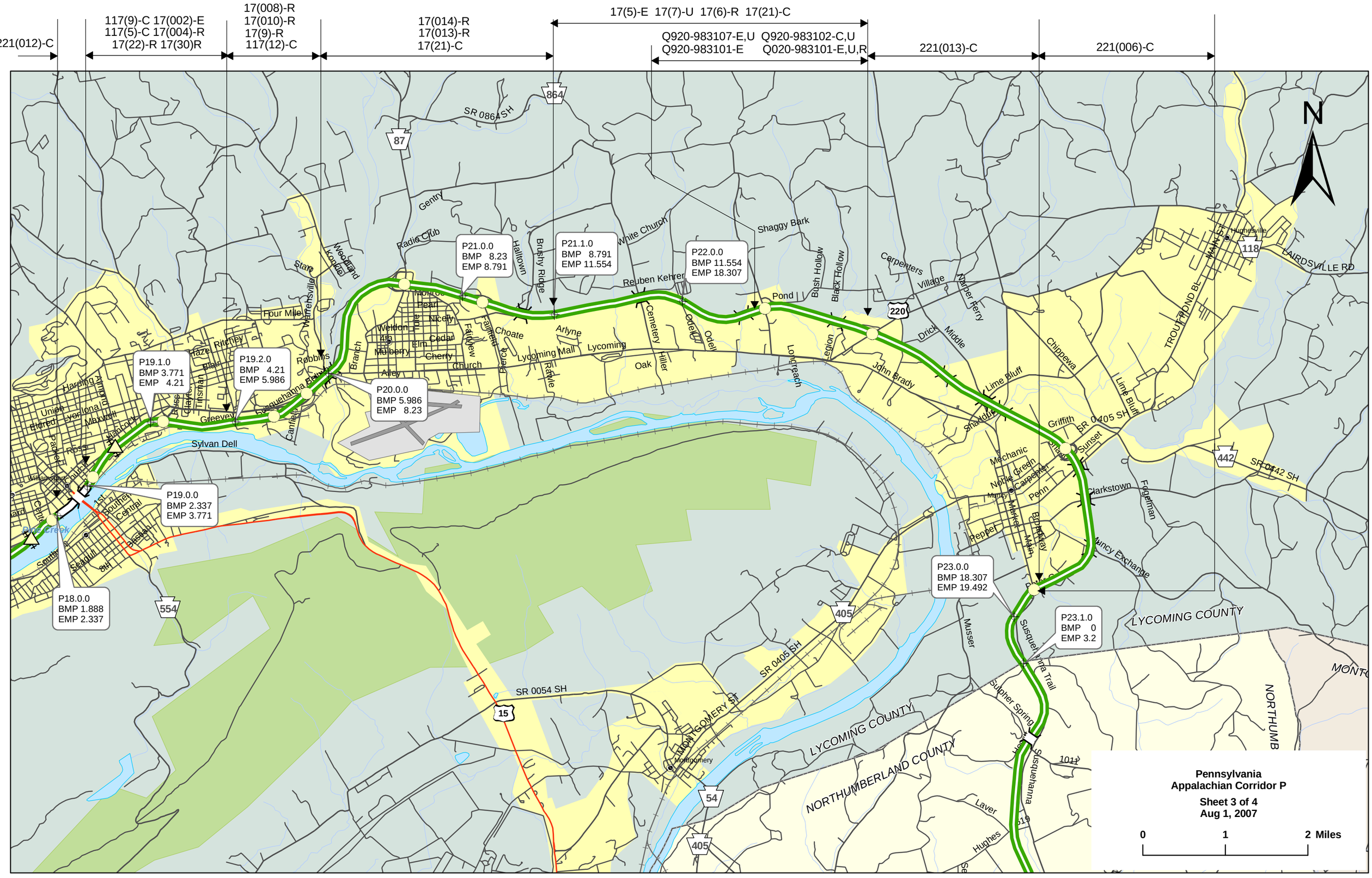
EMP 4.134
P11.0.0
BMP 1.069
EMP 3.134
P10.0.0
BMP 0
EMP 1.069
P09.0.0
BMP 16.537
EMP 16.775
Salladasburg
SR 0973 SH
SR 9287 SH
MAIN ST
973
LYCOMING COUNTY
COUDERSPORT PIKE
SR 0044 SH
SR 0654 SH
SULPHUR SPRINGS RD
880
44
554
Pennsylvania
Appalachian Corridor P
Sheet 2 of 4
Aug 1, 2007
0
1
2 Miles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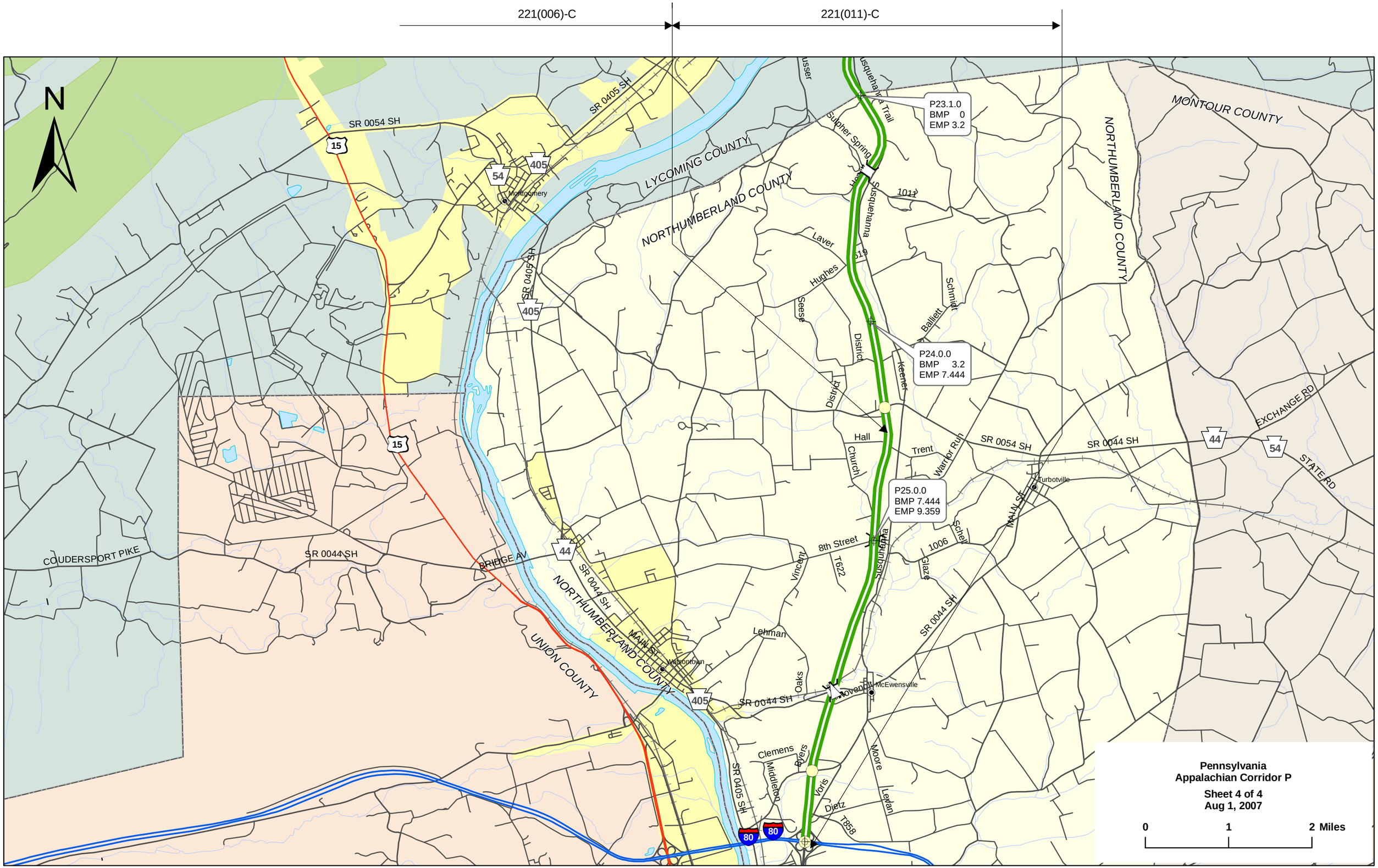
117(9)-C 17(002)-E
117(5)-C 17(004)-R
17(22)-R 17(30)R
17(008)-R
17(010)-R
17(9)-R
117(12)-C
17(014)-R
17(013)-R
17(21)-C
17(5)-E 17(7)-U 17(6)-R 17(21)-C
Q920-983107-E,U Q920-983102-C,U
Q920-983101-E Q020-983101-E,U,R
221(013)-C
221(006)-C
N
P18.0.0
BMP 1.888
EMP 2.337
P19.0.0
BMP 2.337
EMP 3.771
P19.1.0
BMP 3.771
EMP 4.21
P19.2.0
BMP 4.21
EMP 5.986
P20.0.0
BMP 5.986
EMP 8.23
P21.0.0
BMP 8.23
EMP 8.791
P21.1.0
BMP 8.791
EMP 11.554
P22.0.0
BMP 11.554
EMP 18.307
P23.0.0
BMP 18.307
EMP 19.492
P23.1.0
BMP 0
EMP 3.2
Sylvan Dell
Williamsport
Montgomery
Muncy
Huntersville
LYCOMING COUNTY
NORTHUMBERLAND COUNTY
SR 0054 SH
SR 0405 SH
SR 0864 SH
SR 0442 SH
Susquehanna Trail
Pennsylvania
Appalachian Corridor P
Sheet 3 of 4
Aug 1, 2007
0 1 2 Miles



Pennsylvania
Appalachian Corridor P

Sheet 4 of 4
Aug 1, 2007

0 1 2 Miles

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: T

Section ID	**T01.0.0**	**T02.0.0**
LRS Milepoint: Beginning/Ending	**0.000/3.520**	**3.520/7.000**
Status	**Completed**	**Completed**
1. Finance Code	20	20
2. Section Length(Miles)	3.3	3.5
3. Class/Urban Code	R/0	R/0
4. Location:		
---- *a. FIPS State/County/Congressional*	42/049/21	42/049/21
---- *b. HPMS Route/Subroute*	0000250017/00	0000250017/00
---- *c. HPMS Signed Route/Strip Map #*	0000I1086/T1	0000I1086/T1
5. Estimate Section/NHS Designation	1/NHS	1/NHS
6. Design Speed(mph)	70	70
7. Traffic:		
---- *a. ADT-Base Year (2005)*	7,750	7,750
---- *b. ADT-Year 2015*	9,840	9,840
---- *c. Design Year*	2,016	2,016
---- *d. ADT-Design Year*	10,824	10,824
---- *e. DHV-Design Year*	865	865
---- *f. % Truck Design Year(DHV)*	21	21
---- *g. % Truck Design Year(ADT)*	21	21
---- *h. Directional Distribution Factor*	65	65
8. Number of Lanes to be Constructed this Estimate	0	0
9. Ultimate Number of Through Traffic Lanes	4	4
10. Typical X-Section of Reference/Access Control	R-12/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	100	100
12. Median Width(ft), prevailing	36	100
13. Status of Development(Figure 4)	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:		
---- *a. Location*	0	0
---- *b. Design*	0	0
15. Right-of-Way:		
---- *a. Acquisition*	0	0
---- *b. Relocation*	0	0
16. Utility Adjustments	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0
19. Railroad Grade Seperations	0	0
20. Highway Grade Seperations without Ramps	0	0
21. Interchanges	0	0
22. Other Bridges, Tunnels, and Walls	0	0
23. Traffic Control	0	0
24. Environmental Mitigation	0	0
25. Roadside Improvements:		
---- *a. Landscape Planting*	0	0
---- *b. Rest Area, Overlooks*	0	0
26. All Other Items	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

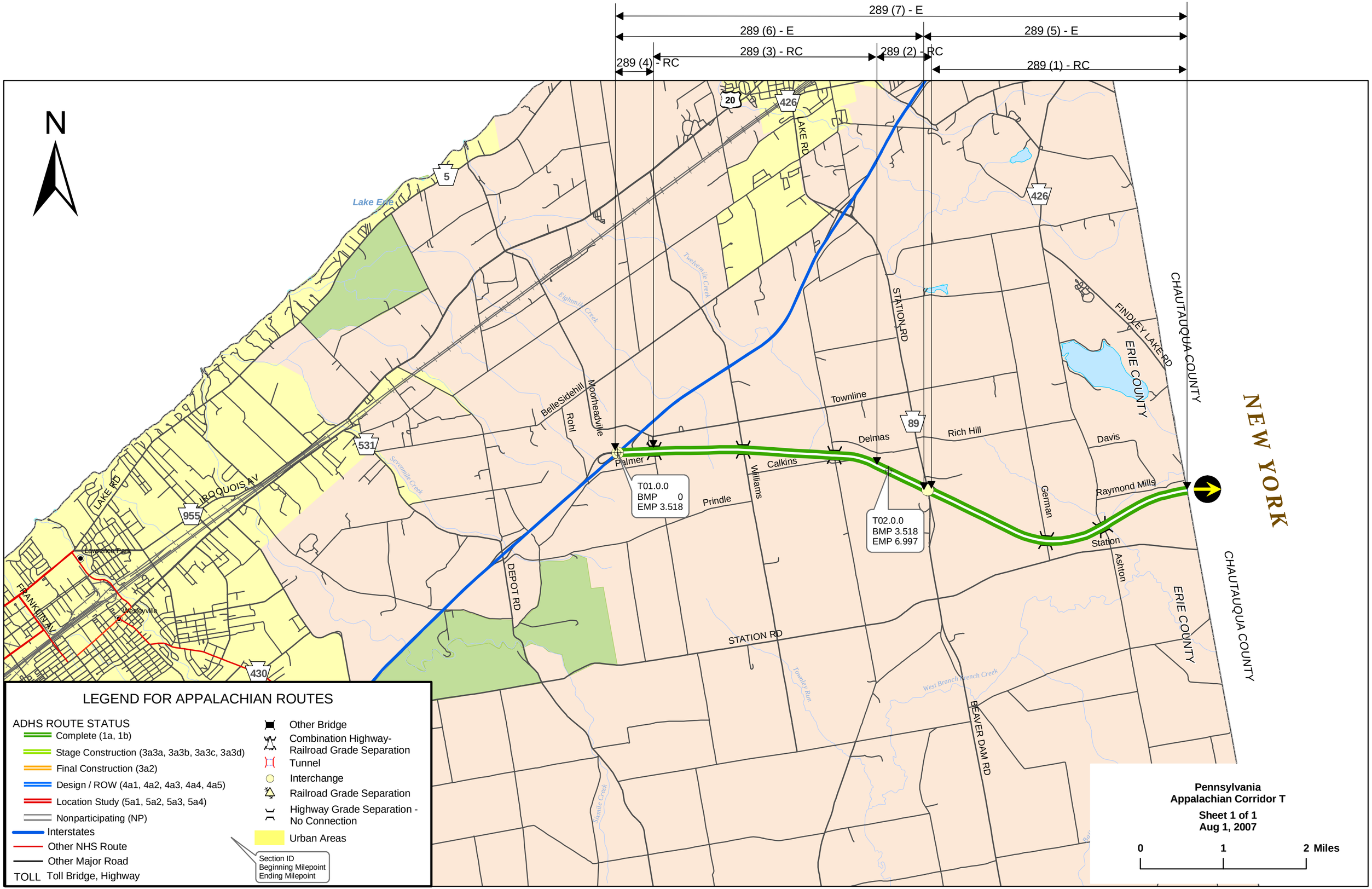
State: PA

ADHS Corridor: T

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	6.80	6.80	0.00
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	0	0	0
15. Right-of-Way:			
---- *a. Acquisition*	0	0	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0
23. Traffic Control	0	0	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	0	0	0
27. Subtotal(lines 17 thru 26)	0	0	0
28. Construction Engineering(9.64500000% of line 27)	0	0	0
29. Total Cost of Construction(lines 27 & 28)	0	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	0	0	0


289 (7) - E
289 (6) - E
289 (5) - E
289 (3) - RC
289 (2) - RC
289 (4) - RC
289 (1) - RC
N
Lake Erie
5
20
426
LAKE RD
531
955
430
89
IROQUOIS AV
FRANKLIN AV
Lawrence Park
Westgeyville
Twelvemile Creek
Eightmile Creek
Sevenmile Creek
Tuwiley Run
West Branch French Creek
Belle Sidehill
Rohl
Moorheadville
Palmer
Townline
Calkins
Delmas
Rich Hill
Davis
Raymond Mills
Station
Ashton
German
Williams
Prindle
STATION RD
DEPOT RD
BEAVER DAM RD
FINDLEY LAKE RD
ERIE COUNTY
CHAUTAUQUA COUNTY
NEW YORK
T01.0.0
BMP 0
EMP 3.518
T02.0.0
BMP 3.518
EMP 6.997
LEGEND FOR APPALACHIAN ROUTES
ADHS ROUTE STATUS
Complete (1a, 1b)
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
Final Construction (3a2)
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
Location Study (5a1, 5a2, 5a3, 5a4)
Nonparticipating (NP)
Interstates
Other NHS Route
Other Major Road
TOLL Toll Bridge, Highway
Other Bridge
Combination Highway-Railroad Grade Separation
Tunnel
Interchange
Railroad Grade Separation
Highway Grade Separation - No Connection
Urban Areas
Section ID
Beginning Milepoint
Ending Milepoint
Pennsylvania
Appalachian Corridor T
Sheet 1 of 1
Aug 1, 2007
0
1
2 Miles

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: U

Section ID	**U01.0.0**	**U01.1.0**	**U01.2.0**	**U02.0.0**	**U03.0.0**	**U04.0.0**
LRS Milepoint: Beginning/Ending	**10.020/11.140**	**0.000/0.950**	**0.950/1.110**	**1.110/3.450**	**3.450/6.000**	**6.000/10.900**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.4	0.9	1.2	2.2	2.7	5
3. Class/Urban Code	U/9380	U/9380	U/9380	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/081/10	42/081/10	42/081/05	42/081/05	42/081/05	42/081/10
---- *b. HPMS Route/Subroute*	0000410015/01	0000416015/00	0000416015/00	0000416015/00	0000416015/00	0000416015/00
---- *c. HPMS Signed Route/Strip Map #*	00000US015/U1	00000US015/U1	00000US015/U1	00000US015/U1	00000US015/U1	00000US015/U1
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	24,700	24,700	16,400	16,400	11,800	13,500
---- *b. ADT-Year 2015*	35,800	35,800	23,800	23,800	17,100	19,600
---- *c. Design Year*	2,001	1,992	1,998	1,998	1,998	1,998
---- *d. ADT-Design Year*	42,000	37,200	35,000	35,000	17,600	12,600
---- *e. DHV-Design Year*	4,200	3,720	3,500	3,500	1,760	1,260
---- *f. % Truck Design Year(DHV)*	6	6	9	9	17	23
---- *g. % Truck Design Year(ADT)*	13	13	18	18	22	31
---- *h. Directional Distribution Factor*	60	60	55	55	55	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-12/Full	R-12/Full	R-11/Full	R-7/Full	R-7/Full	R-7/Full
11. Right-of-Way Width(ft), prevailing	236	236	340	280	570	630
12. Median Width(ft), prevailing	36	36	20	44	44	44
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: U

Section ID	**U05.0.0**	**U06.0.0**	**U06.1.0**	**U07.0.0**	**U08.0.0**	**U08.1.0**
LRS Milepoint: Beginning/Ending	**20.570/23.570**	**23.570/24.670**	**24.670/25.670**	**25.670/27.790**	**27.790/30.030**	**30.030/33.750**
Status	**Completed**	**Stage Construction**	**Stage Construction**	**Stage Construction**	**Completed**	**Completed**
1. Finance Code	20	21	21	21	20	20
2. Section Length(Miles)	3	0.9	1.1	2.7	1.6	4.7
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/081/10	42/081/10	42/081/10	42/081/10	42/081/10	42/081/10
---- *b. HPMS Route/Subroute*	0000410015/03	0000410015/03	0000410015/03	0000410015/03	0000410015/03	0000410015/03
---- *c. HPMS Signed Route/Strip Map #*	00000US015/U2	00000US015/U2	00000US015/U2	00000US015/U2	00000US015/U2	00000US015/U2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	10,900	10,900	10,900	10,900	10,900	10,900
---- *b. ADT-Year 2015*	15,800	15,800	15,800	15,800	15,800	15,800
---- *c. Design Year*	1,998	2,020	2,020	2,020	1,998	2,016
---- *d. ADT-Design Year*	8,500	12,500	12,500	12,500	9,400	11,400
---- *e. DHV-Design Year*	850	1,250	1,250	1,250	940	1,140
---- *f. % Truck Design Year(DHV)*	11	11	11	11	11	11
---- *g. % Truck Design Year(ADT)*	22	22	22	22	22	22
---- *h. Directional Distribution Factor*	55	55	55	55	55	55
8. Number of Lanes to be Constructed this Estimate	0	2	2	2	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-2/None	R-14/None	R-14/None	R-14/None	R-13/Full	R-13/Full
11. Right-of-Way Width(ft), prevailing	540	540	540	520	700	700
12. Median Width(ft), prevailing	285	285	285	110	436	436
13. Status of Development(Figure 4)	1a	3a3a	3a3a	3a3a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	221	251	443	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	2,175	2,175	11,764	0	0
18. Subbase, Base, Surfacing, Shoulders	0	2,121	623	5,008	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	6,426	0	0
22. Other Bridges, Tunnels, and Walls	0	1,680	0	0	0	0
23. Traffic Control	0	192	221	369	0	0
24. Environmental Mitigation	0	0	73	221	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	73	111	147	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	168	877	1,053	0	0
27. Subtotal(lines 17 thru 26)	**0**	**6,409**	**4,080**	**24,988**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**618**	**394**	**2,410**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**7,027**	**4,474**	**27,398**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**7,611**	**4,961**	**29,233**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: U

Section ID	**U09.0.0**	**U09.1.0**	**U10.0.0**	**U10.1.0**	**U11.0.0**	**U11.1.0**
LRS Milepoint: Beginning/Ending	**33.750/34.650**	**0.000/2.460**	**2.460/6.890**	**6.890/9.190**	**9.190/11.590**	**11.590/15.720**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.9	3.3	2.8	3.8	1.7	3.9
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/081/10	42/117/05	42/117/05	42/117/05	42/117/05	42/117/05
---- *b. HPMS Route/Subroute*	0000410015/03	0000580015/00	0000580015/00	0000580015/00	0000580015/00	0000580015/00
---- *c. HPMS Signed Route/Strip Map #*	00000US015/U3	00000US015/U3	00000US015/U3	00000US015/U4	00000US015/U4	00000US015/U4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	10,900	10,900	10,000	10,000	10,000	10,231
---- *b. ADT-Year 2015*	15,800	15,800	14,500	14,500	14,500	15,248
---- *c. Design Year*	2,016	2,016	2,014	2,021	2,021	2,020
---- *d. ADT-Design Year*	11,400	11,400	8,800	18,500	18,500	19,400
---- *e. DHV-Design Year*	1,140	1,140	880	1,670	1,670	1,550
---- *f. % Truck Design Year(DHV)*	11	11	15	9	9	8
---- *g. % Truck Design Year(ADT)*	22	22	16	12	12	12
---- *h. Directional Distribution Factor*	55	55	50	50	50	50
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-13/Full	R-13/Full	R-9/Full	R-9/Full	R-9/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	700	700	650	650	420	420
12. Median Width(ft), prevailing	436	436	100	100	120	120
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: U

Section ID	**U12.0.0**	**U12.1.0**	**U13.0.0**	**U14.0.0**	**U15.0.0**	**U16.0.0**
LRS Milepoint: Beginning/Ending	**15.720/18.470**	**0.000/2.240**	**2.240/4.170**	**21.550/29.060**	**29.060/31.400**	**0.000/5.620**
Status	**Completed**	**Completed**	**Completed**	**NP**	**Stage Construction**	**NP**
1. Finance Code	20	20	20	20	23	20
2. Section Length(Miles)	1.7	2.5	1.5	7.9	2.5	6.3
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	42/117/05	42/117/05	42/117/05	42/117/05	42/117/05	42/117/05
---- *b. HPMS Route/Subroute*	0000580015/00	0000586015/00	0000586015/00	0000580015/02	0000580015/02	0000580328/00
---- *c. HPMS Signed Route/Strip Map #*	00000US015/U4	00000US015/U5	00000US015/U5	00000US015/U5	00000US015/U6	00000PA328/U6
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	2/NHS	1/NHS	1/None
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	10,200	9,900	9,900	9,900	7,400	4,150
---- *b. ADT-Year 2015*	15,200	14,400	14,400	14,400	10,600	5,780
---- *c. Design Year*	2,020	2,021	2,021	2,022	2,022	2,025
---- *d. ADT-Design Year*	19,400	16,300	16,300	16,300	12,400	6,750
---- *e. DHV-Design Year*	2,300	1,630	1,630	1,630	1,240	675
---- *f. % Truck Design Year(DHV)*	12	21	21	21	19	6
---- *g. % Truck Design Year(ADT)*	12	10	10	10	23	12
---- *h. Directional Distribution Factor*	50	50	50	50	50	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	4	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R-9/Full	R-9/Full	R-9/Full	R-13/Full	R-9/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	420	400	410	500	400	400
12. Median Width(ft), prevailing	120	84	84	200	84	84
13. Status of Development(Figure 4)	1a	1a	1a	np	3a3b	np

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	1,077	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	3,419	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	350	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	321	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	852	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**6,019**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**	**0**	**0**	**581**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**6,600**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**6,930**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA ADHS Corridor: U

Section ID	**U17.0.0**	**U17.1.0**
LRS Milepoint: Beginning/Ending	**5.620/11.670**	**0.000/1.560**
Status	**NP**	**NP**
1. Finance Code	20	20
2. Section Length(Miles)	5.2	1.9
3. Class/Urban Code	R/0	R/0
4. Location:		
---- *a. FIPS State/County/Congressional*	42/117/05	42/115/10
---- *b. HPMS Route/Subroute*	0000580328/00	0000080328/00
---- *c. HPMS Signed Route/Strip Map #*	00000PA328/U6	00000PA328/U6
5. Estimate Section/NHS Designation	1/None	1/None
6. Design Speed(mph)	70	70
7. Traffic:		
---- *a. ADT-Base Year (2005)*	5,860	5,860
---- *b. ADT-Year 2015*	8,610	8,610
---- *c. Design Year*	2,025	2,025
---- *d. ADT-Design Year*	10,800	10,800
---- *e. DHV-Design Year*	1,080	1,080
---- *f. % Truck Design Year(DHV)*	6	6
---- *g. % Truck Design Year(ADT)*	12	12
---- *h. Directional Distribution Factor*	60	60
8. Number of Lanes to be Constructed this Estimate	0	0
9. Ultimate Number of Through Traffic Lanes	4	4
10. Typical X-Section of Reference/Access Control	R-9/Full	R-9/Full
11. Right-of-Way Width(ft), prevailing	400	400
12. Median Width(ft), prevailing	84	84
13. Status of Development(Figure 4)	np	np

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:		
---- *a. Location*	0	0
---- *b. Design*	0	0
15. Right-of-Way:		
---- *a. Acquisition*	0	0
---- *b. Relocation*	0	0
16. Utility Adjustments	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0
19. Railroad Grade Seperations	0	0
20. Highway Grade Seperations without Ramps	0	0
21. Interchanges	0	0
22. Other Bridges, Tunnels, and Walls	0	0
23. Traffic Control	0	0
24. Environmental Mitigation	0	0
25. Roadside Improvements:		
---- *a. Landscape Planting*	0	0
---- *b. Rest Area, Overlooks*	0	0
26. All Other Items	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**
28. Construction Engineering(9.64500000% of line 27)	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

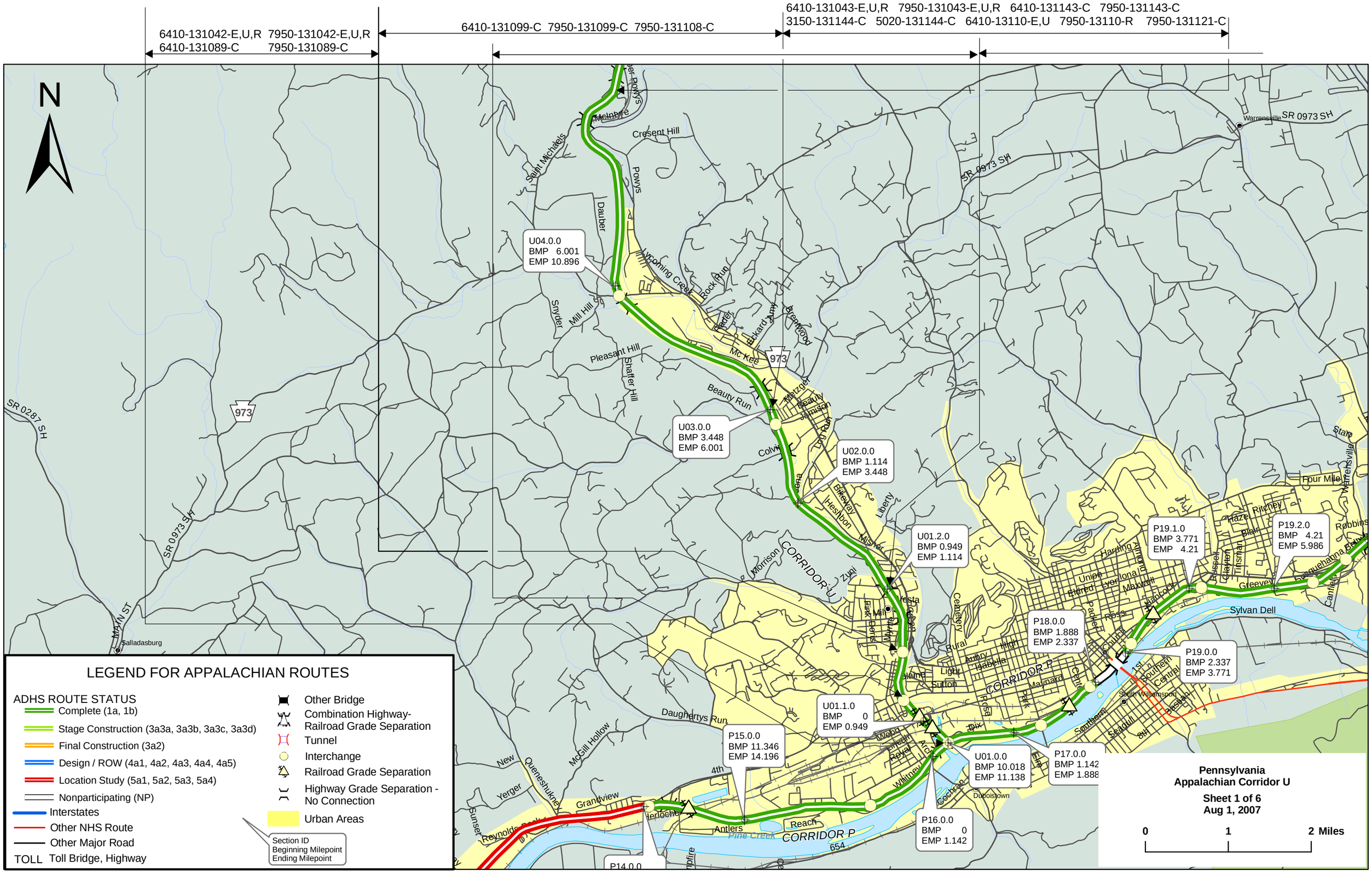
State: PA

ADHS Corridor: U

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	72.30	69.80	2.50
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	0	0	0
15. Right-of-Way:			
---- *a. Acquisition*	915	915	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	17,191	17,191	0
18. Subbase, Base, Surfacing, Shoulders	11,171	11,171	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	6,426	6,426	0
22. Other Bridges, Tunnels, and Walls	1,680	1,680	0
23. Traffic Control	1,132	1,132	0
24. Environmental Mitigation	294	294	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	652	652	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	2,950	2,950	0
27. Subtotal(lines 17 thru 26)	41,496	41,496	0
28. Construction Engineering(9.64500000% of line 27)	4,002	4,002	0
29. Total Cost of Construction(lines 27 & 28)	45,498	45,498	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	48,734	48,734	0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Mill Hill
Pleasant Hill
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Misner
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Daughertys Run
McGill Hollow
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Yerger
Grandview
Sunset
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Antlers
Pine Creek
Reach
Dubois
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Cochran
Whitney
Royal
Union
Dix
Rural
Cemetery
Sutton
Light
Anthry
Isabella
Maynard
Park
Elm
Hepburn
Southern
Seadull
Sylvan Dell
Greevey
Susquehanna
Four Mile
Ritchey
Haze
Clayton
Trinsman
Blair
Harding
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Maxwell
Lyon
Ross
Packer
Chestnut
Hagerty
Warrensville
Salladasburg
Williamsport
SR 0973 SH
SR 0287 SH
MAIN ST
973
4th
654
Legend for Appalachian Routes
ADHS ROUTE STATUS
Complete (1a, 1b)
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
Final Construction (3a2)
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
Location Study (5a1, 5a2, 5a3, 5a4)
Nonparticipating (NP)
Interstates
Other NHS Route
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Other Bridge
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Tunnel
Interchange
Railroad Grade Separation
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Urban Areas
Section ID
Beginning Milepoint
Ending Milepoint
Pennsylvania
Appalachian Corridor U
Sheet 1 of 6
Aug 1, 2007
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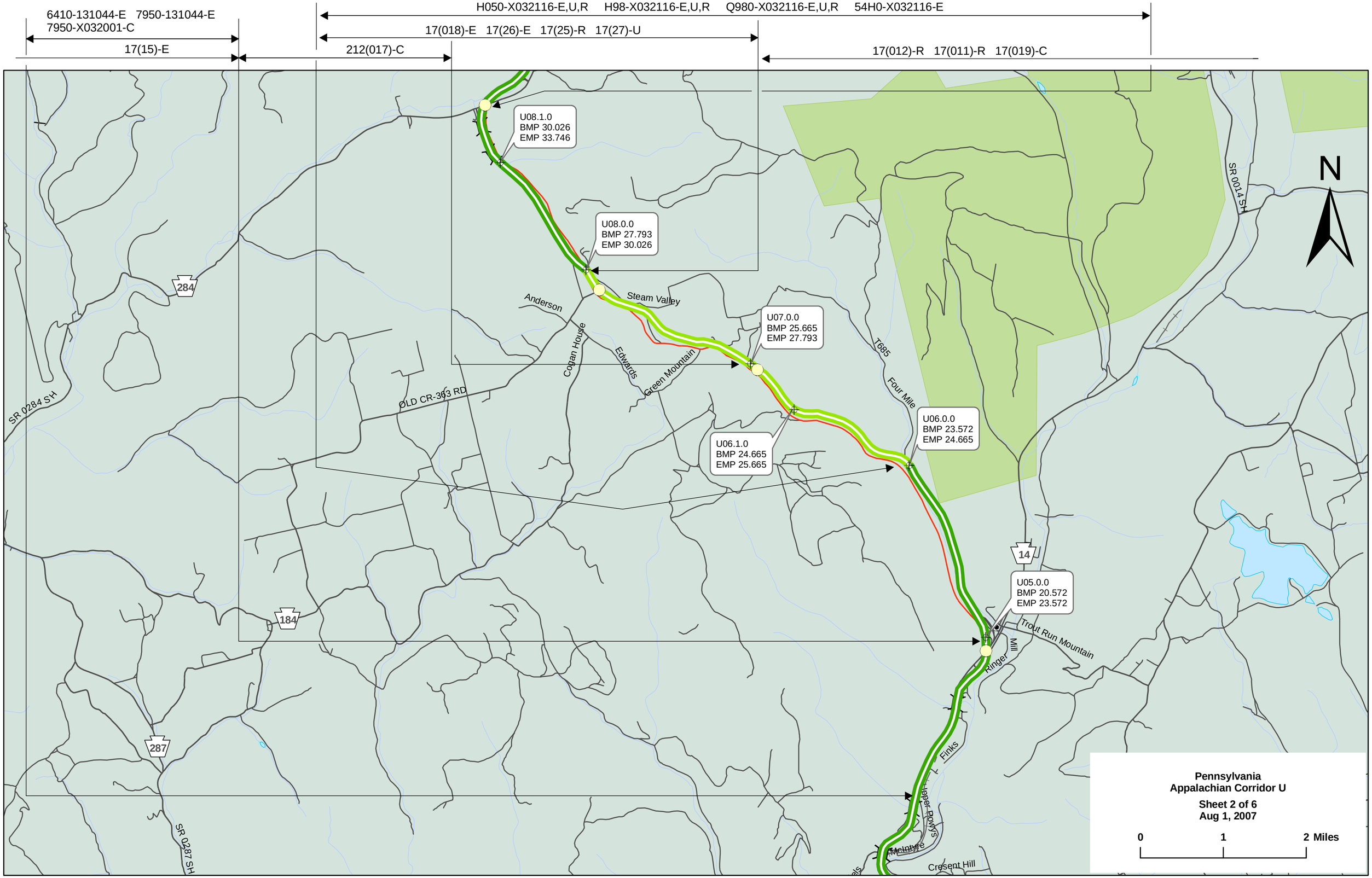
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Anderson
Steam Valley
Cogan House
Edwards
Green Mountain
T685
Four Mile
Trout Run Mountain
Mill
Ringer
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Upper Rowys
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Pennsylvania
Appalachian Corridor U
Sheet 2 of 6
Aug 1, 2007
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2 Miles

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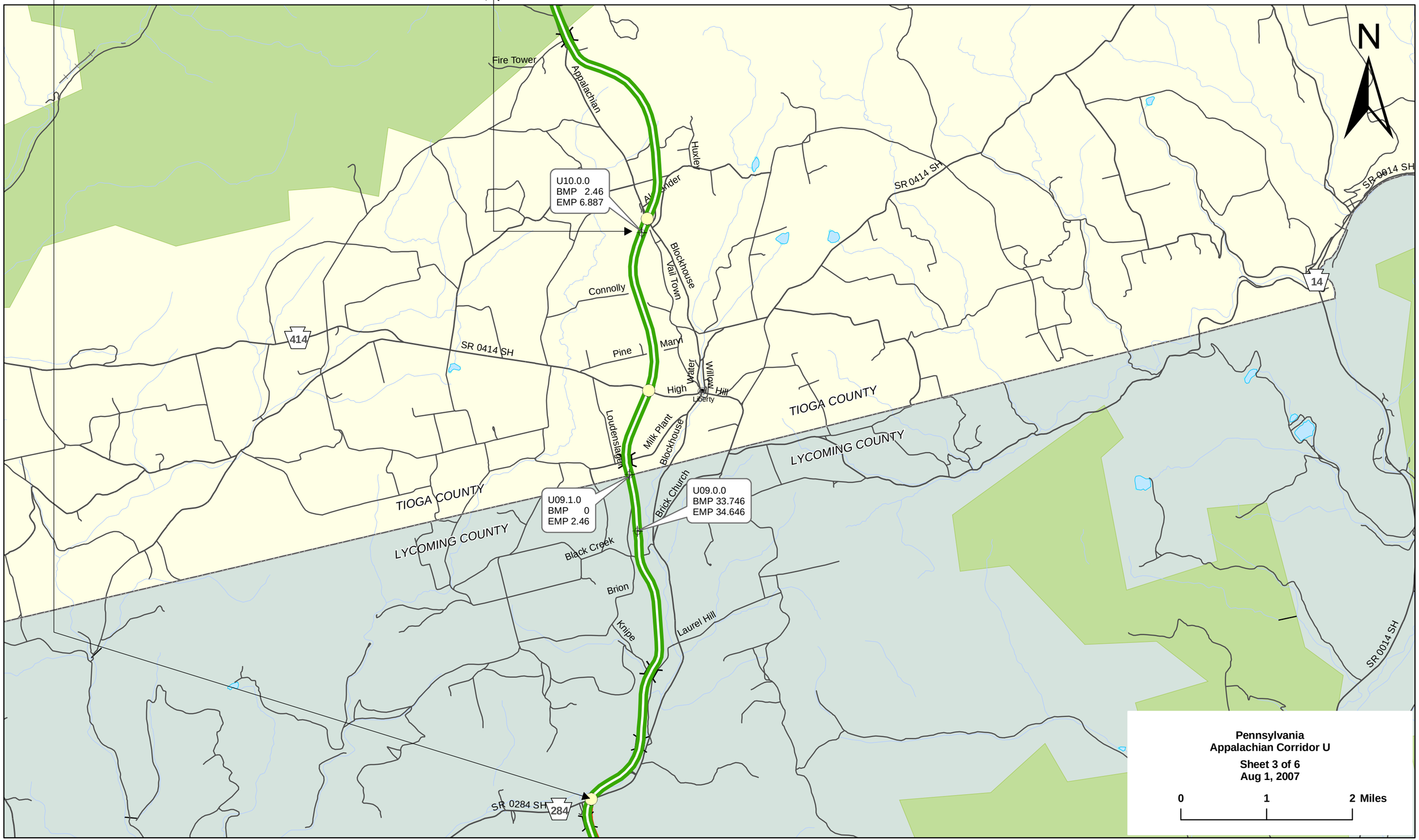

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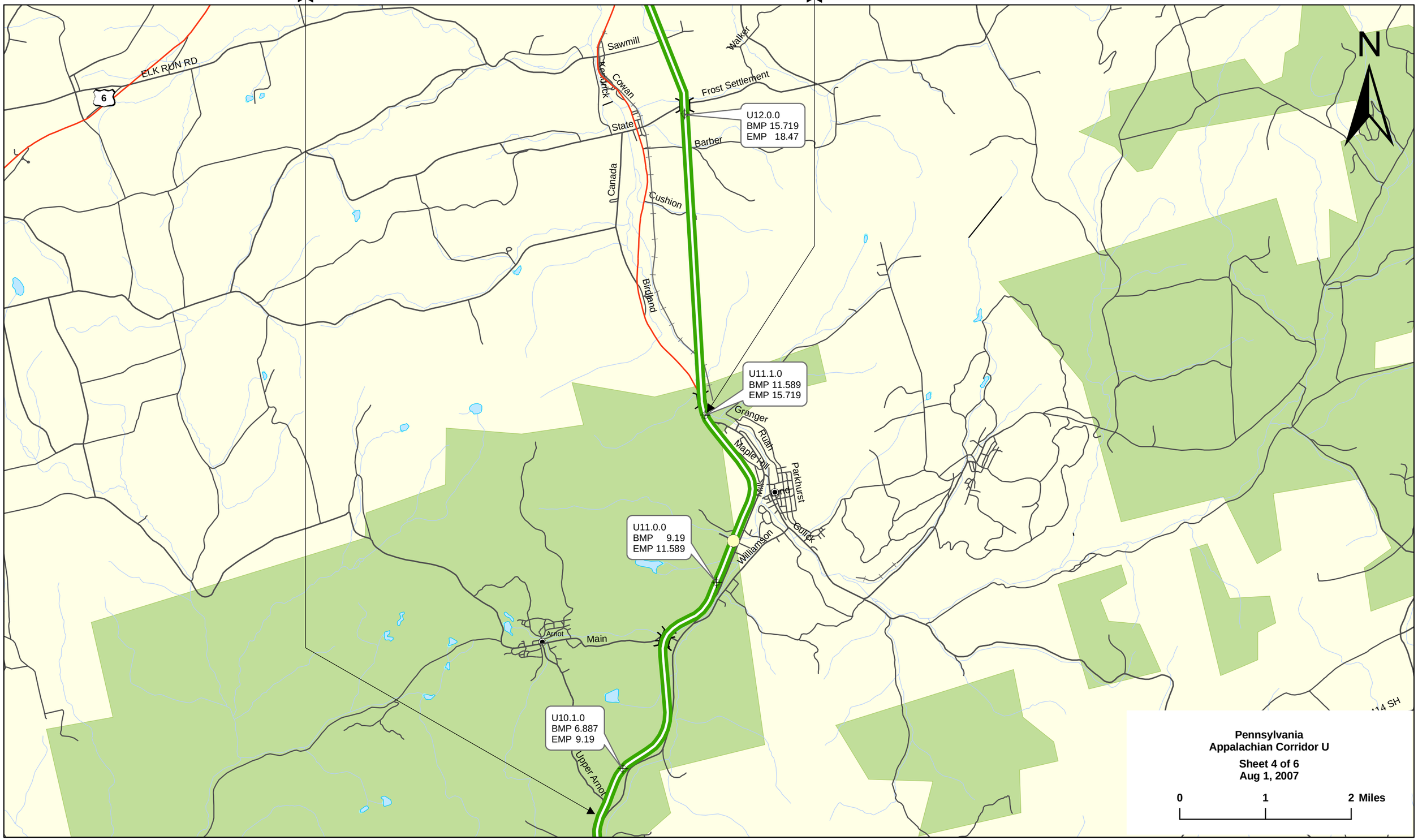

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17(016)-E
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Q980-X037157-C 7950-131125-E Q980-131131-E,U,R 3420-131131-E,U,R 3630-131131-E,U,R
5020-131131-E,U,R 6400-131131-E,U,R 7950-131131-E,U,R 7950-131127-E 3630-131129-E 5020-131129-E
12(017)-E
17(24)-U
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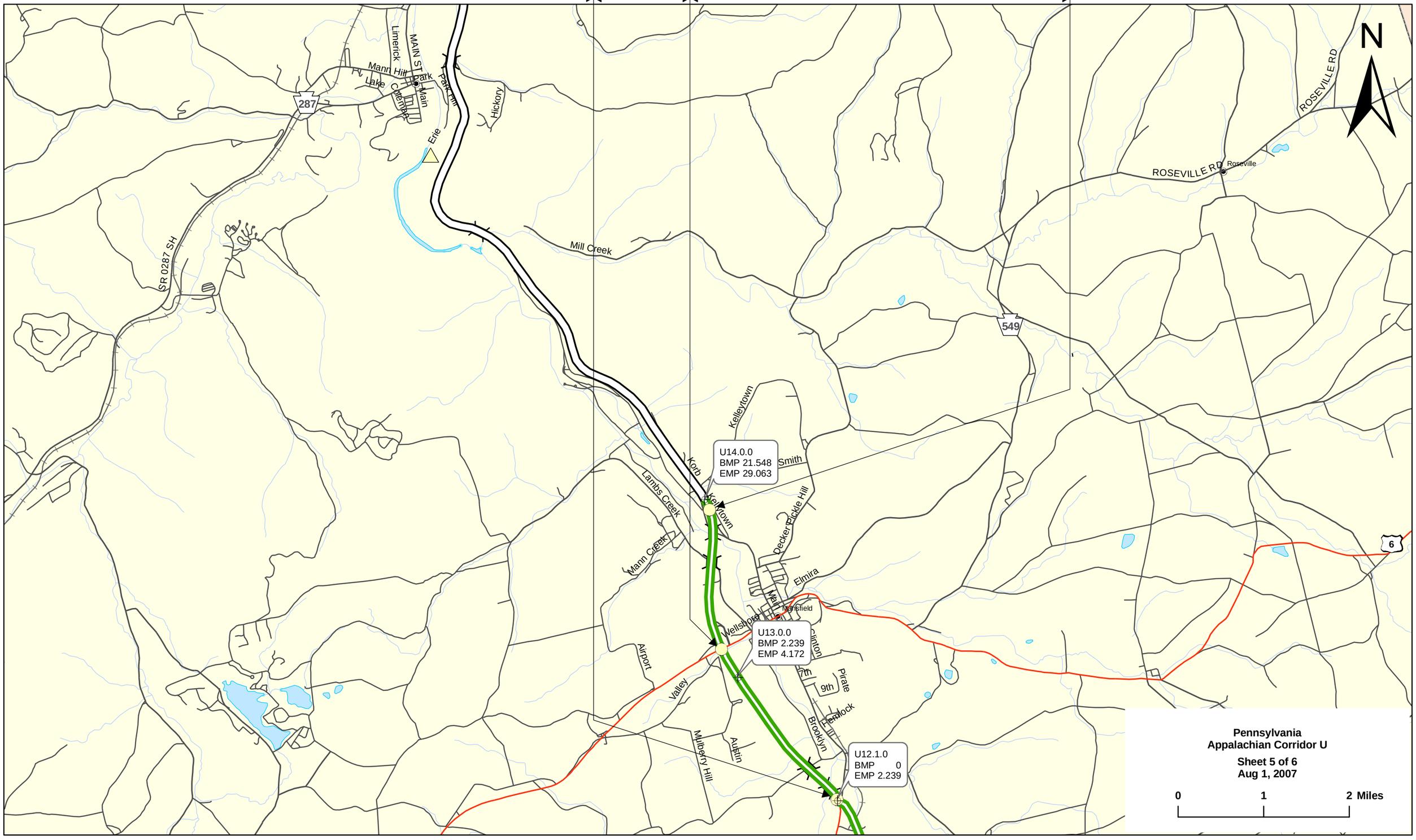

16(001) - E

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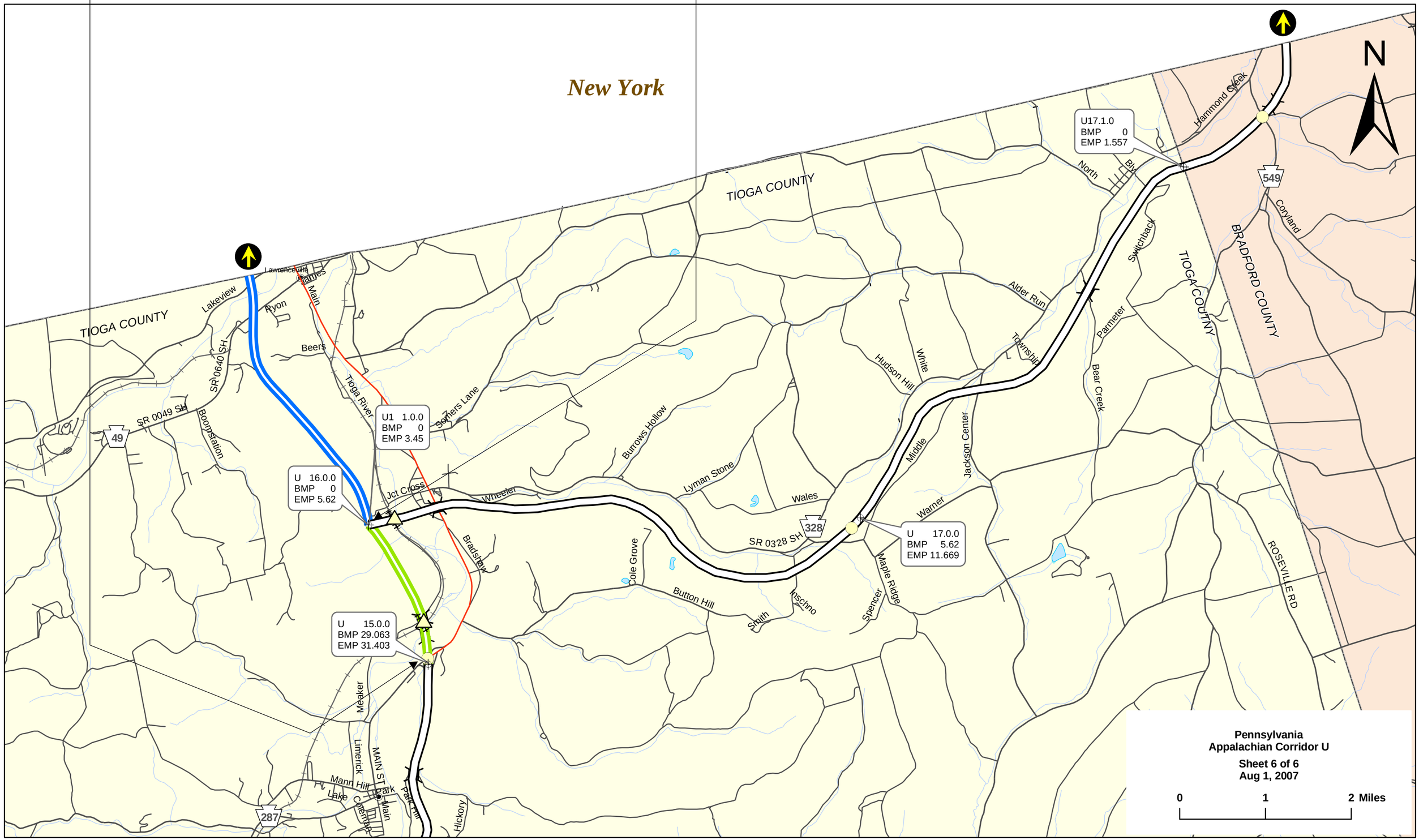
3630-X037004-E H980-X037167-C 54H0-X037167-C 54K0-X037167-C



2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA

ADHS Corridor: U1

Section ID	**U1 1.0.0**
LRS Milepoint: Beginning/Ending	**0.000/3.450**
Status	**Design/RoW**
1. Finance Code	23
2. Section Length(Miles)	3.6
3. Class/Urban Code	R/0
4. Location:	
---- *a. FIPS State/County/Congressional*	42/117/05
---- *b. HPMS Route/Subroute*	0000580015/02
---- *c. HPMS Signed Route/Strip Map #*	00000US015/U5
5. Estimate Section/NHS Designation	1/NHS
6. Design Speed(mph)	70
7. Traffic:	
---- *a. ADT-Base Year (2005)*	5,860
---- *b. ADT-Year 2015*	10,610
---- *c. Design Year*	2,025
---- *d. ADT-Design Year*	15,410
---- *e. DHV-Design Year*	1,850
---- *f. % Truck Design Year(DHV)*	19
---- *g. % Truck Design Year(ADT)*	21
---- *h. Directional Distribution Factor*	50
8. Number of Lanes to be Constructed this Estimate	4
9. Ultimate Number of Through Traffic Lanes	4
10. Typical X-Section of Reference/Access Control	R-9/Full
11. Right-of-Way Width(ft), prevailing	400
12. Median Width(ft), prevailing	60
13. Status of Development(Figure 4)	4a1

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:	
---- *a. Location*	0
---- *b. Design*	0
15. Right-of-Way:	
---- *a. Acquisition*	0
---- *b. Relocation*	0
16. Utility Adjustments	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	3,444
18. Subbase, Base, Surfacing, Shoulders	5,586
19. Railroad Grade Seperations	0
20. Highway Grade Seperations without Ramps	0
21. Interchanges	0
22. Other Bridges, Tunnels, and Walls	0
23. Traffic Control	502
24. Environmental Mitigation	180
25. Roadside Improvements:	
---- *a. Landscape Planting*	0
---- *b. Rest Area, Overlooks*	0
26. All Other Items	1,198
27. Subtotal(lines 17 thru 26)	**10,910**
28. Construction Engineering(9.64500000% of line 27)	**1,052**
29. Total Cost of Construction(lines 27 & 28)	**11,962**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**12,560**

2007 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: PA

ADHS Corridor: U1

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	3.60	3.60	0.00
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	0	0	0
15. Right-of-Way:			
---- *a. Acquisition*	0	0	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	3,444	3,444	0
18. Subbase, Base, Surfacing, Shoulders	5,586	5,586	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0
23. Traffic Control	502	502	0
24. Environmental Mitigation	180	180	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	1,198	1,198	0
27. Subtotal(lines 17 thru 26)	10,910	10,910	0
28. Construction Engineering(9.64500000% of line 27)	1,052	1,052	0
29. Total Cost of Construction(lines 27 & 28)	11,962	11,962	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	12,560	12,560	0

16(001)-E

Q25-X037-159 363-X037-004
502-X037-019 342-X037-019
Q98-X037-019

363-X037-003 Q98-X037-155
Q05-X037-118 Q98-X037-156
Q98-X037-118 54G-X037-156
H980-X037-184 54H-X037-156
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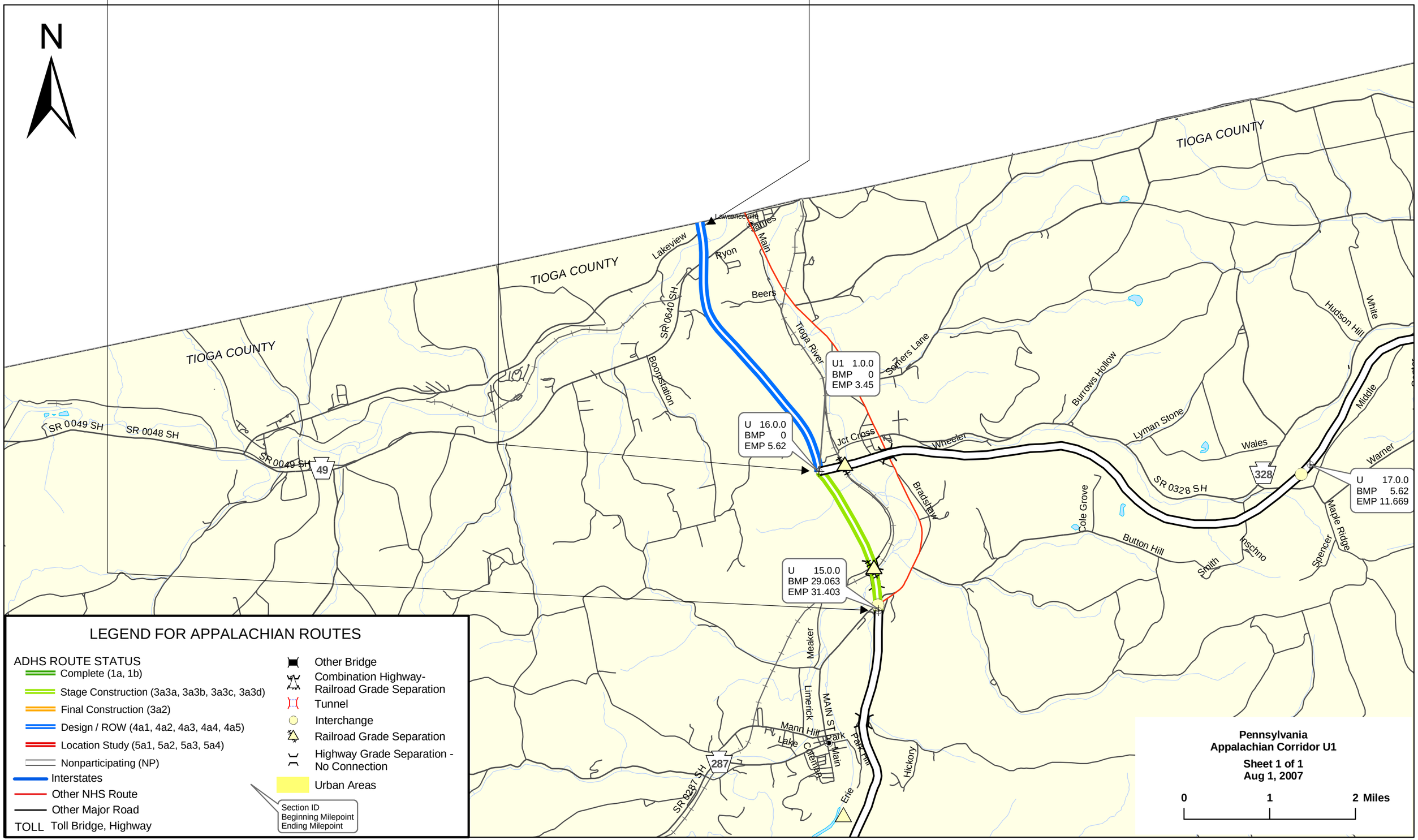

2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Pennsylvania

Cost Estimates By Corridors and State Total

(Includes all eligible costs and associated mileages reported in Table B for Finance codes 21, 22, and 23)

ADHS Corridor	M		N		O	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban
Length in miles	63.4	4.7	18.4	0.0	2.0	0.0
Total Mileage (Rural + Urban)	68.1		18.4		2.0	
Work Classification	Estimated Costs ($1,000)					
14. Preliminary Engineering: a. Location	44,576	3,803	0	0	0	0
b. Design	61,313	5,229	20,483	0	12,650	0
15. Right-of-Way: a. Acquisition	44,834	3,824	14,971	0	3,250	0
b. Relocation	0	0	0	0	3,250	0
16. Utility Adjustments	6,620	564	2,210	0	1,250	0
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	31,970	0	0	0	10,271	0
18. Subbase, Base, Surfacing, Shoulders	32,458	0	0	0	10,546	0
19. Railroad Grade Separations	0	0	0	0	0	0
20. Highway Grade Separation without Ramps	0	0	0	0	0	0
21. Interchanges	970	0	0	0	25,775	0
22. Other Bridges, Tunnels, and Walls	7,424	0	0	0	4,138	0
23. Traffic Control	6,768	0	0	0	1,698	0
24. Environmental Mitigation	131	0	0	0	0	0
25. Roadside Improvements: a. Landscape Planting	378	0	0	0	32	0
b. Rest Areas, Overlooks	0	0	0	0	0	0
26. All Other Items	874,461	74,166	290,352	0	0	0
27. Subtotal (Lines 17 through 26)	954,560	74,166	290,352	0	52,460	0
28. Construction E & C (9.65 % of line 27 and 28)	92,067	7,153	28,004	0	5,060	0
29. Total Cost of Construction (lines 27 and 28)	1,046,627	81,319	318,356	0	57,520	0
30. Total Estimated Cost (lines 14, 15, 16, & 29)	1,264,169	99,476	373,821	0	81,816	0
31. Total Cost (Rural + Urban)	1,363,645		373,821		81,816	

2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Pennsylvania

Cost Estimates By Corridors and State Total

(Includes all eligible costs and associated mileages reported in Table B for Finance codes 21, 22, and 23)

ADHS Corridor	O1		P		T	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban
Length in miles	26.7	0.0	9.3	0.0	0.0	0.0
Total Mileage (Rural + Urban)	26.7		9.3		0.0	
Work Classification	Estimated Costs ($1,000)					
14. Preliminary Engineering: a. Location	0	0	6,392	0	0	0
b. Design	26,375	0	9,981	0	0	0
15. Right-of-Way: a. Acquisition	19,283	0	8,452	0	0	0
b. Relocation	0	0	3,468	0	0	0
16. Utility Adjustments	2,848	0	1,647	0	0	0
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	0	0	4,947	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	4,533	0	0	0
19. Railroad Grade Separations	0	0	4,208	0	0	0
20. Highway Grade Separation without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	15,727	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	4,356	0	0	0
23. Traffic Control	0	0	177	0	0	0
24. Environmental Mitigation	0	0	738	0	0	0
25. Roadside Improvements: a. Landscape Planting	0	0	147	0	0	0
b. Rest Areas, Overlooks	0	0	0	0	0	0
26. All Other Items	478,906	0	113,653	0	0	0
27. Subtotal (Lines 17 through 26)	478,906	0	148,486	0	0	0
28. Construction E & C (9.65 % of line 27 and 28)	46,190	0	14,321	0	0	0
29. Total Cost of Construction (lines 27 and 28)	525,096	0	162,807	0	0	0
30. Total Estimated Cost (lines 14, 15, 16, & 29)	602,283	0	202,385	0	0	0
31. Total Cost (Rural + Urban)	602,283		202,385		0	

2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Pennsylvania

Cost Estimates By Corridors and State Total

(Includes all eligible costs and associated mileages reported in Table B for Finance codes 21, 22, and 23)

ADHS Corridor	U		U1		Subtotal		State Total
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban	
Length in miles	7.2	0.0	3.6	0.0	130.6	4.7	
Total Mileage (Rural + Urban)	7.2		3.6				135.3
Work Classification	Estimated Costs ($1,000)						
14. Preliminary Engineering: a. Location	0	0	0	0	50,968	3,803	54,771
b. Design	0	0	0	0	130,802	5,229	136,031
15. Right-of-Way: a. Acquisition	915	0	0	0	91,705	3,824	95,529
b. Relocation	0	0	0	0	6,718	0	6,718
16. Utility Adjustments	0	0	0	0	14,575	564	15,139
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	17,191	0	3,444	0	67,823	0	67,823
18. Subbase, Base, Surfacing, Shoulders	11,171	0	5,586	0	64,294	0	64,294
19. Railroad Grade Separations	0	0	0	0	4,208	0	4,208
20. Highway Grade Separation without Ramps	0	0	0	0	0	0	0
21. Interchanges	6,426	0	0	0	48,898	0	48,898
22. Other Bridges, Tunnels, and Walls	1,680	0	0	0	17,598	0	17,598
23. Traffic Control	1,132	0	502	0	10,277	0	10,277
24. Environmental Mitigation	294	0	180	0	1,343	0	1,343
25. Roadside Improvements: a. Landscape Planting	652	0	0	0	1,209	0	1,209
b. Rest Areas, Overlooks	0	0	0	0	0	0	0
26. All Other Items	2,950	0	1,198	0	1,761,520	74,166	1,835,686
27. Subtotal (Lines 17 through 26)	41,496	0	10,910	0	1,977,170	74,166	2,051,336
28. Construction E & C (9.65 % of line 27 and 28)	4,002	0	1,052	0	190,698	7,153	197,851
29. Total Cost of Construction (lines 27 and 28)	45,498	0	11,962	0	2,167,868	81,319	2,249,187
30. Total Estimated Cost (lines 14, 15, 16, & 29)	48,734	0	12,560	0	2,585,768	99,476	
31. Total Cost (Rural + Urban)	48,734		12,560				2,685,244

TABLE D
Prefinanced (AC-APD) Projects, Bond Issue Projects, and Advanced Right-of-Way Projects
(Projects Completed or in Authorized Status as of September 30, 2006

State/Commonwealth of Pennsylvania

Appalachian Corridor	Estimate Section (Milepost)	Project Number	Work Class	Rural or Urban	APD Funds	State Funds	Total Cost ($1,000)
M	3.887-7.587	M12.1.0		Rural	33,000	9,000	42,000
O	0.000-4.318	O28.0.0 - 030.0.0		Rural	17,000	4,250	21,250
		Totals			50,000	13,250	63,250

TABLE E
Federal Funds Earmarked for the ADHS and Not Obligated by 9-30-06

State/Commonwealth of Pennsylvania

Name of the Act	Section in the Act	ADHS Corridor	FHWA Approp. Code	Description of the Project	Total Amount of Federal Funds Authorized	Remaining Amount of Federal Funds not obligated
SAFETEA-LU	1702.0207	M	HY10-LY10	US 219 Purchase ROW Somerset to Maryland		13,600,000
PA ISTEA	1003	M	3670	U S22 Relocation - various counties	76,124,250	12,644,492
ISTEA	1003	O	3620	US 220 near Bald Eagle 4-lane Access	49,454,230	841,808
ISTEA	na	M	5590	US 15 Steam Valley	1,500,000	1,135,479
ISTEA	1395	M	Q920	US 219 - Meyersdale	6,060,800	2,293,761
Sturaa	149	O	3070	Blair County US 220 Altoona to Tyrone	71,801,977	275,049
Sturaa	1003	M	5020	US 15 Climbing Safety Lane -Tioga County	38,866,493	5,991,572
ISTEA	1602	M	q920	US 22 Canoe Creek	1,537,648	993,648